

A large, coiled blue cable with a ribbed texture dominates the left and center of the image, looping around and extending towards the right. The background is a light blue gradient.

**Let's Electrify  
the World.  
Together.**



Contents

# Explore our offering.

Who we are .....	4	What our customers say .....	110
What we stand for .....	6	Case studies .....	112
Where we are .....	8	Get in touch.....	114
What we do .....	10		
Our products .....	12		



Who we are

# Everything you need, including great service.

Welcome to Batt Cables.

Ever since we were founded in 1952, we’ve been at the forefront of delivering high-quality cable solutions that meet the evolving needs of our customers worldwide.

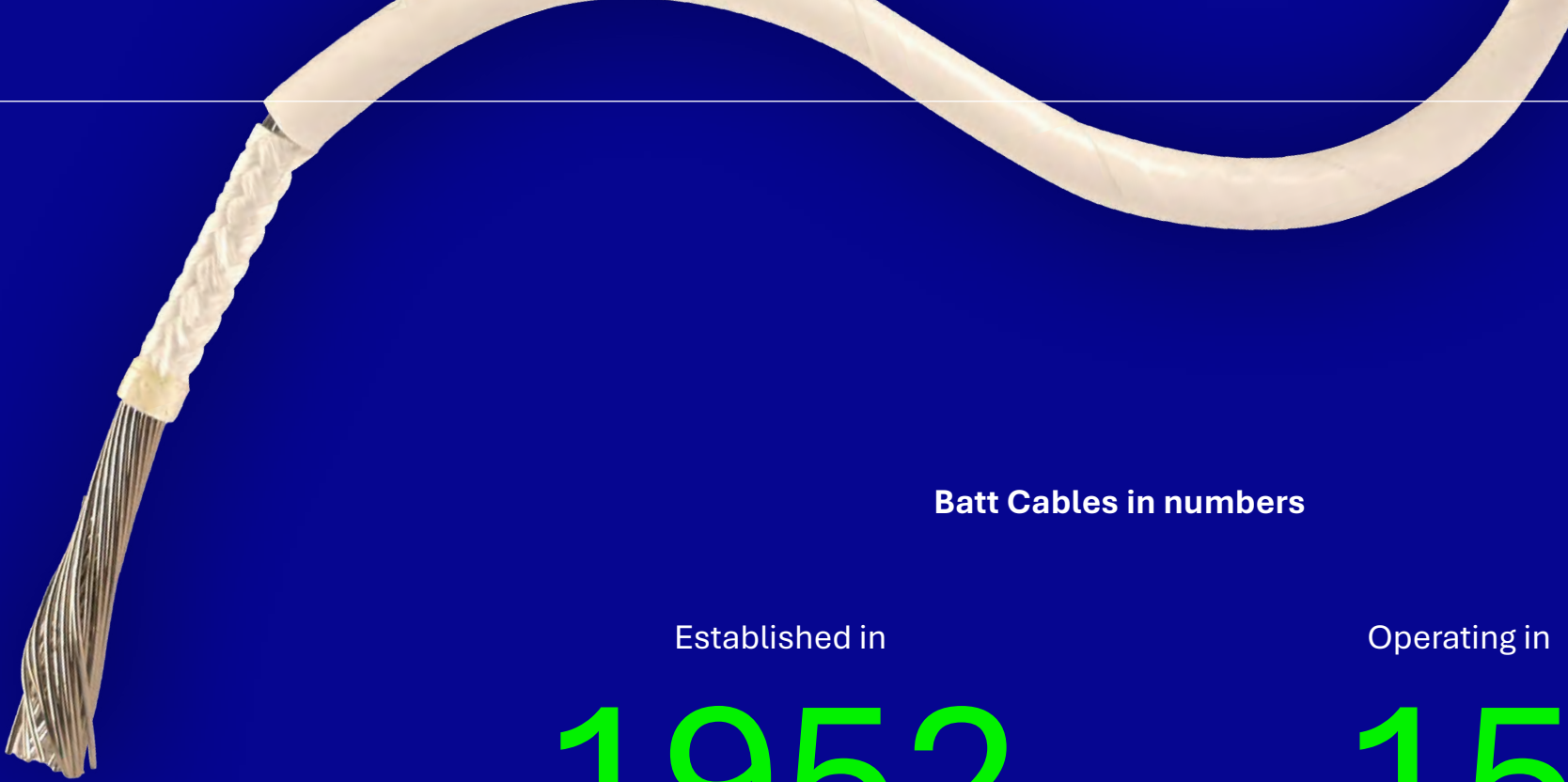
With strategically located offices across the UK, key European locations, the USA and South America, we’re here to help you find the best solution for your project wherever you’re based in the world.

From industrial cables to telecommunications solutions or customised cable assemblies, you can count on us to be your trusted partner.

As our company continues to expand, we remain dedicated to providing innovative solutions, excellence as standard, and exceptional service. All backed by our passion for quality, our reputation for reliability, and our commitment to putting customers at the heart of everything we do.

As the growing demands of the global market evolve, we remain at the forefront of technological advancements and industry trends.

Take a look at the latest, extensive range of Batt Cables products in this catalogue. If you can’t see what you need, simply get in touch and our expert team will help you find the optimal solution. Because when you work with Batt Cables, you have a trusted partner, not just a supplier.



## Batt Cables in numbers

Established in  
**1952**  
by R F Batt & J A Holm – 70+ years  
supplying quality products

Operating in  
**15**  
global locations

Enough cable to span the globe  
**1.7**  
times sold over the past year

Stocks over  
**3,200**  
different products



What we stand for

# We electrify the world.

You can take it as a given that we’re experts in cables. Our success lies in fully understanding your needs and providing the very best, high quality range of solutions. Anywhere in the world. For any industry or project.

## Here to make your life easier

Our leading range of cabling products is backed by our passionate belief in the power of great customer service.

Which means you can count on us to be friendly, easily accessible, quick thinking, adaptable, and always ready to think of a better solution to whatever your challenge may be.

This ‘can do’ attitude means you can count on us to deliver solutions that make your life easier, to build relationships, and make our businesses more successful. Together.

## Our core values

As a business we believe in being the best we can be. To help us along the way we’ve created a set of key values that we live and work by.

**Accountability:** We’re focused on our customers, take ownership of our work and always behave with integrity.

**Empowerment & Trust:** We support, develop and provide recognition to our people to help them become the kind of people you would want to deal with.

**Mindset for Change:** We’re always open to new ideas. Always adaptable and striving for excellence. Continuously looking to improve both our products and our service.

**Team Spirit:** Our team – all around the world – is built on openness, honesty, respect, and solid relationships.



## Our vision

To be the Go-To choice for cable solutions.

## Our promise

The trusted choice. A great product range in stock. Exceptional service, every time.

Where we are

**A world of experience.  
Meeting every need.  
Everywhere.**

Wherever you're based in the world, we can provide the technical knowledge, the products and the insight you need to succeed.





What we do

# Great choice. Great people. Great service.

When it comes to getting the job done right, you deserve a team you can trust. That’s why we’re here – delivering expertise, tailored solutions, and a service that’s as reliable as the cables we supply.

### All the choice you need

With more than 3,200 different stock items on hand, you have easy and quick access to one of the world’s widest ranges of cables and accessories.

Our standard pre-cut lengths, for instance, are immediately available as 100m, 200m or 500m orders. Other lengths are available too – cut overnight and delivered rapidly to wherever you need them to minimise lead times.

We can even hold stock on your behalf – to your exact specifications – ready to be called off and delivered whenever you need it, including scheduled and just-in-time deliveries.

### Partners not just suppliers

We truly value the relationships we build with our customers. So we do everything we can to earn and deserve your trust.

That means acting with commercial integrity and supporting you rather than competing with you. It also means providing you with free technical and commercial advice from our highly experienced specialists whenever you need it.

### Environmentally responsible

As part of our effort to reduce our environmental impact, we provide a drum collection, recycling and re-use service. To reduce packaging, we’re introducing strapping instead of plastic wrapping.

### Excellent service as standard

Whenever you contact us, you can expect a rapid response to your enquiry. You can also count on a right-first-time approach. On the rare occasion there is an error, we prefer to sort them out first and then find out what went wrong. But with an error-free process rate of 99% we rarely get things wrong.

No wonder that 86% of our customers say they would recommend us.



Average 4.2/5 Google Reviews

99% 86%

error-free process rate of customers would recommend us



Our products

# Quality you can count on every time.

You can't afford to take a chance on quality. So we only supply high quality cables that deliver the safety, reliability and performance you need to safeguard your own reputation.

Stockholding & Call-offs

As part of our cable management service, we provide support on all related matters. From the initial liaison with engineers to the delivery of certified cable and accessories to site, as and when required. We maintain our commitment to your project and will hold specified stock, ensuring any top-up requirements are quickly fulfilled. We will also arrange to collect the empty drums from UK sites for recycling.

Technical Services, Cuts & Assemblies

Our cable experts can offer technical knowledge, product specifications, certification and standards information. Batt's 24 hour in-house cable cutting facility and investment in new machines ensures orders are quickly and reliably expedited for accurate and timely delivery.

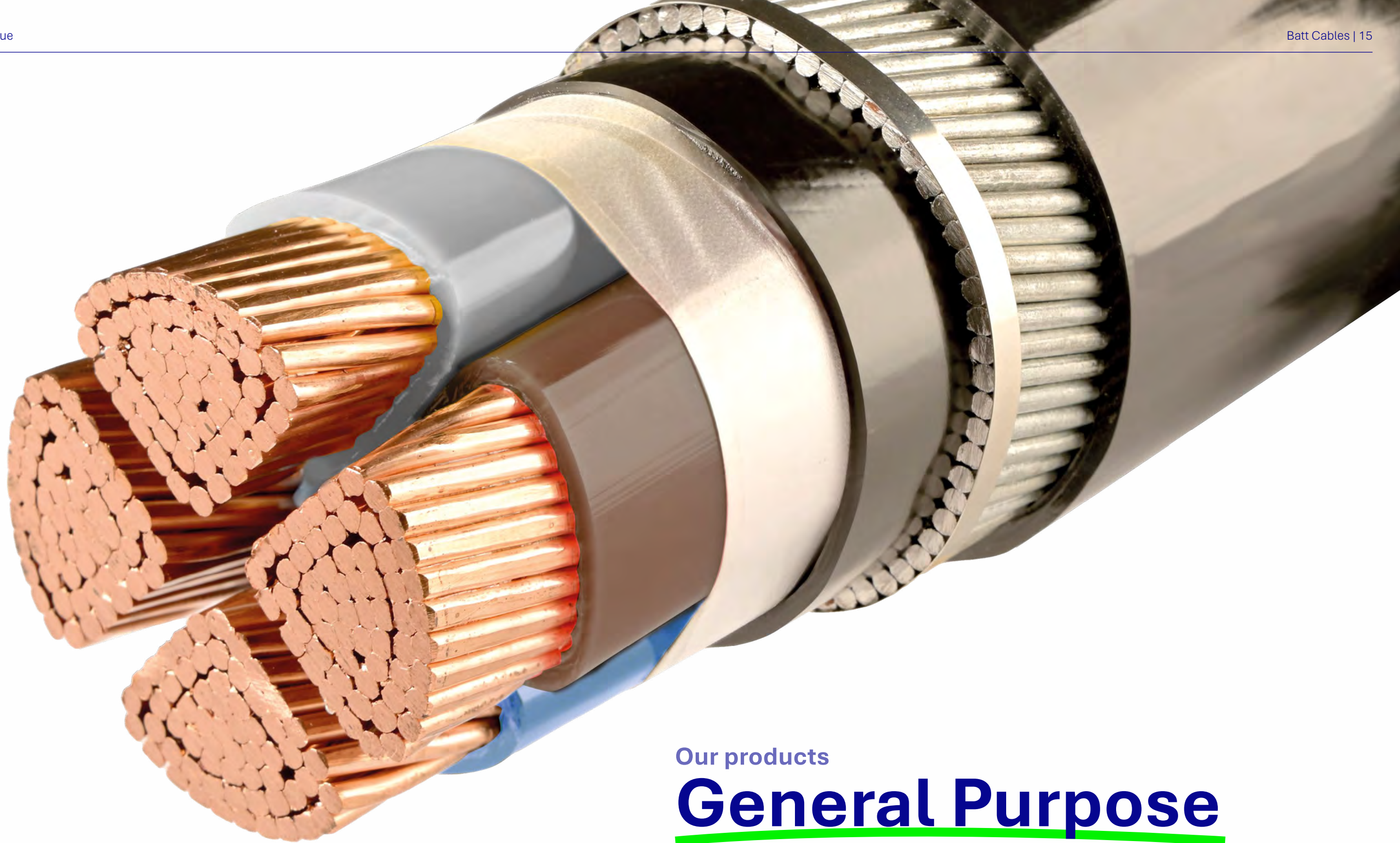
Cable Standards include



Our Quality Accreditations







Our products

# **General Purpose Cables.**

Wherever you're based, whatever cable you need, the chances are that we have the solution you're looking for. With over 3,200 SKUs in our vast product range, we're here to help you find the cabling you need. Fast.



Fixed Wiring Cables

# Steel Wired Armoured Cables (SWA)

SWA are power and auxiliary cables for mains supply electricity, sometimes known as power, mains or booklet-armoured cables.

They are used for cable networks, underground systems and cable ducting. Batt SWA cables meet the construction and testing requirements of BS 6724, for your peace of mind.

Featured Cable



### Solid Aluminium SWA Power Cable Generally To BS 5467

<b>Conductor:</b> Aluminium	<b>Outersheath Colour:</b> Black	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 2	<b>Rated Voltage:</b> 0.6/1kV	Overall Bending Radius 10x
<b>Insulation:</b> XLPE	<b>Core Identification:</b>	<b>Operating Temperature:</b>
<b>Armour:</b> Steel Wire Armour	4 Core: Brown, Black, Grey, Blue	Maximum 90°C. Minimum Bending 0°C
<b>Outersheath:</b> PVC		<b>Standards:</b> To BS 5467

Featured Cable



### SWA LSZH Power Cable 0.6/1kV BS 6724

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 2	1 Core: Brown	1.5mm to 16mm - 6 x Overall Diameter
<b>Insulation:</b> XLPE	2 Core: Brown, Blue	(circular cond.) 25mm and above - 8 x Overall
<b>Bedding:</b> LSZH	3 Core: Brown, Black & Grey (Optional: Brown, Blue & Green/Yellow)	Diameter (shaped cond.)
<b>Armour:</b> AWA (single core) or SWA (multi-core)	4 Core: Brown, Black, Grey & Blue (Optional: Brown, Black, Grey & Green/Yellow)	<b>Operating Temperature:</b>
<b>Outersheath:</b> LSZH	5 Core: Numbered Cores (Optional: Brown, Black, Grey, Blue + Green/Yellow)	Maximum 90°C. Minimum Operating -25°C
<b>Outersheath Colour:</b> Black	6 Core+: Numbered Cores (Optional: Numbered + Green/Yellow)	<b>Standards:</b> To BS 6724
<b>Rated Voltage:</b> 0.6/1kV		

We offer a comprehensive range of products for this Steel Wired Armoured Cable. Below is a summary of the products available:

	From	To
Number of Cores	2	48
Conductor Sizes	1.5mm <sup>2</sup>	400mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Steel Wired Armoured Cable. Below is a summary of the products available:


	From	To
Number of Cores	4	4
Conductor Sizes	35mm <sup>2</sup>	185mm <sup>2</sup>
Colours Available	Black	



Great products, service and technical knowledge.  
Google Review



Featured Cable



Medium Voltage SWA LSZH Copper BS 6622

Conductor: Plain Copper

Stranding: Class 2

Insulation: XLPE

Metallic Screen: Plain Copper Taped Screen

Bedding: PVC

Armour: Steel Wire Armour

Outersheath: LSZH

Outersheath Colour: Red

Rated Voltage: 6.35/11kV

Core Identification: Coloured Tapes: Brown, Black, Grey

Minimum Bending Radius: 15 x Overall Diameter

Operating Temperature: 90°C

Standards: BS 6622, IEC EN 60228

We offer a comprehensive range of products for this Steel Wired Armoured Cable. Below is a summary of the products available:

	From	To
Number of Cores	3	3
Conductor Sizes	70mm <sup>2</sup>	400mm <sup>2</sup>
Colours Available	Red	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

Did you know?  
*Batt Cables is the longest established  
cables distributor in the UK*

Fixed Wiring Cables

# Aluminium Wired Armoured Cables (AWA)

AWA are alternative power and auxiliary cables to SWA for mains supply electricity, sometimes known as power, mains or booklet-armoured cables.

They are used where cable weight, magnetic interference or corrosion are concerns. Batt AWA cables meet the construction and testing requirements of BS 6724, for your peace of mind.

Featured Cable



Medium Voltage AWA LSZH 11kV Copper BS 7835

Conductor: Plain Copper

Stranding: Class 2

Insulation: XLPE

Metallic Screen: Plain Copper Taped Screen

Bedding: LSZH

Armour: Aluminium Wire Armour

Outersheath: LSZH

Outersheath Colour: Red

Rated Voltage: 6.35/11kV

Minimum Bending Radius: 15 x Overall Diameter

Operating Temperature: 90°C

Standards: BS 7835, BS EN 60332-1-2

We offer a comprehensive range of products for this Aluminium Wired Armoured Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	70mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Red	



Featured Cable



Medium Voltage AWA LSZH 33kV Copper BS 7835

Conductor: Plain Copper

Stranding: Class 2

Insulation: XLPE

Metallic Screen: Plain Copper Taped Screen

Bedding: LSZH

Armour: Aluminium Wire Armour

Outersheath: LSZH

Outersheath Colour: Red

Rated Voltage: 33kV

Minimum Bending Radius: 15 x Overall Diameter

Operating Temperature: 90°C

Standards: BS 7835, BS EN 60332-1-2

We offer a comprehensive range of products for this Aluminium Wired Armoured Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	70mm <sup>2</sup>	240mm <sup>2</sup>
Colours Available	Red	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

Looking for something not listed?  
Contact us to explore our full range of products – see p114 for your nearest branch’s contact details!

Fixed Wiring Cables

# Armoured Fire Cables

Fire resistant cables are designed for use with fire security and safety systems, such as alarms, lighting and ventilation.

Our range offers 60 and 120 minutes fire resistance, suitable for hazardous environments and public buildings. Batt fire performance cables meet the construction and testing requirements of BS 6387, for your peace of mind.

Featured Cable



Fire Resistant Multi-Core CWZ Cable to BS 7846

Conductor: Plain Copper

Stranding: Class 2

Insulation: MGT+XLPE

Armour: Steel Wire Armour

Outersheath: LSZH

Outersheath Colour: Black

Operating Temperature: 90°C

Minimum Bending Radius: 6 x Overall Diameter

Core Identification:

2 Core: Blue, Brown

3 Core: Brown, Black, Grey

4 Core: Brown, Blue, Black, Grey

5 Core: Brown, Black, Grey, Blue, Green/Yellow

7 Core: White + Black Numbered

12 Core: White + Black Numbered

19 Core: White + Black Numbered

27 Core: White + Black Numbered

37 Core: White + Black Numbered

Performs to: 60 minutes fire resistance

Approvals:



We offer a comprehensive range of products for this Armoured Fired Cable. Below is a summary of the products available:

	From	To
Number of Cores	2	12
Conductor Sizes	1.5mm <sup>2</sup>	50mm <sup>2</sup>
Colours Available	Black	



Featured Cable



Fire Resistant Multi-Core CWZ Cable to BS 7846-F120

- Conductor:** Plain Copper

**Stranding:** Class 2

**Insulation:** MGT+XLPE

**Armour:** Steel Wire Armour

**Outersheath:** LSZH

**Outersheath Colour:** Black

**Rated Voltage:** 0.6/1kV
- Operating Temperature:** 90°C

**Minimum Bending Radius:** 6 x Overall Diameter

**Core Identification:**  
3 Core: Brown, Black, Grey  
4 Core: Brown, Blue, Black, Grey  
5 Core: Brown, Blue, Black, Grey, Green/Yellow
- Standards:**  
BS 7846 – F120, BS 8491 – F120, BS EN 60332-1 BS EN 60332-3 Categories A, B & C, IEC 60754, BS EN 50267-2-1, IEC 61034, BS EN 50268

**Performs to:** 120 minutes fire resistance

**Approvals:**



We offer a comprehensive range of products for this Armoured Fired Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	3	5
Conductor Sizes	1.5mm <sup>2</sup>	300mm <sup>2</sup>
Colours Available	Black	

Need more help?  
Contact your nearest branch.  
See page 114 for details.



This is the best place for all your cable needs!  
Google Review

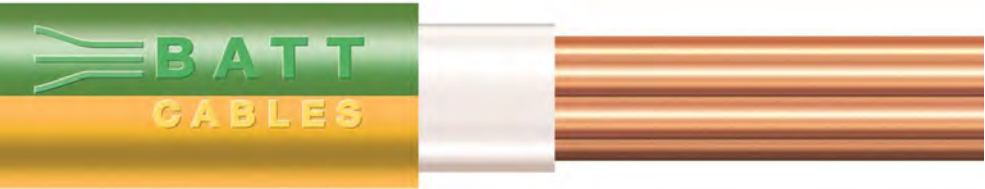
Fixed Wiring Cables

# Unarmoured Fire Cables

Fire resistant cables are designed for use with fire security and safety systems, such as alarms, lighting and ventilation.

Our range offers 30 and 120 minutes fire resistance, suitable for hazardous environments and public buildings. Batt fire performance cables meet the construction and testing requirements of BS 6387, for your peace of mind.

Featured Cable



Fire Resistant Single Core CWZ Cable to BS 6387

- Conductor:** Plain Copper

**Stranding:** Class 2

**Insulation:** MGT+XLPE

**Armour:** Steel Wire Armour
- Outersheath:** LSZH

**Outersheath Colour:**  
Black, Blue, Grey, Red, Green/Yellow, Brown

**Operating Temperature:** 90°C
- Standards:** BS 6387

**Performs to:** 30 minutes fire resistance

**Approvals:**

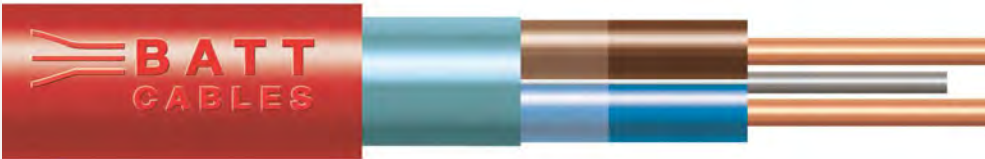


We offer a comprehensive range of products for this Unarmoured Fire Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	1.5mm <sup>2</sup>	35mm <sup>2</sup>
Colours Available	Black, Green/Yellow, Brown, Blue, Grey, Red	



Featured Cable



Standard Fire Resistant CWZ Cable BS 7629-1

- Conductor:** Plain Copper

**Stranding:** Class 1 and 2

**Insulation:** Silicone

**Outersheath:** LSZH

**Outersheath Colour:** Black, White, Red

**Rated Voltage:** 300/500V
- Core Identification:**

2 Core: Blue, Brown

3 Core: Brown, Black, Grey

4 Core: Brown, Black, Grey, Blue

7 Core: Numbering or for identification by colour: in each layer: Brown (starting core), Black (reference core)

12 Core: Numbering or for identification by colour: in each layer: Brown (starting core), Black (reference core)

19 Core: Numbering or for identification by colour: in each layer: Brown (starting core), Black (reference core)
- Minimum Bending Radius:**

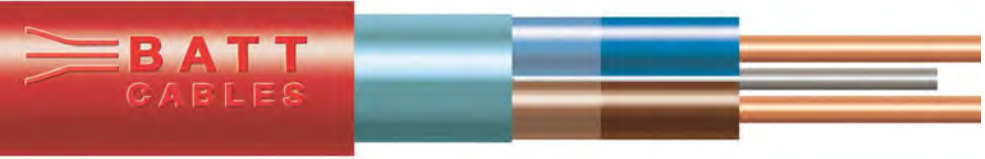
6 x Overall Diameter

**Operating Temperature:** 90°C

**Performs to:** 60 minutes fire resistance

**Standards:** BS 7629-1, BS 6387 & BS 5839-1

Featured Cable



Enhanced Fire Resistant CWZ Cable BS 7629-1

- Conductor:** Plain Copper

**Stranding:** Class 1 and 2

**Outersheath:** LSZH

**Outersheath Colour:** White, Red

**Rated Voltage:** 300/500V
- Core Identification:**

2 Core: Brown, Blue

3 Core: Brown, Black, Grey

4 Core: Brown, Blue, Black, Grey
- Minimum Bending Radius:**

6 x Overall Diameter

**Operating Temperature:** 90°C

**Standards:** BS 7846-F120

**Approvals:**



We offer a comprehensive range of products for this Unarmoured Fire Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	12
Conductor Sizes	1.5mm <sup>2</sup>	4mm <sup>2</sup>
Colours Available	Red, White, Black	

We offer a comprehensive range of products for this Unarmoured Fire Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	4
Conductor Sizes	1.5mm <sup>2</sup>	4mm <sup>2</sup>
Colours Available	Red, White	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

Did you know?  
We recycle cable drums and  
re-use parts to make new ones



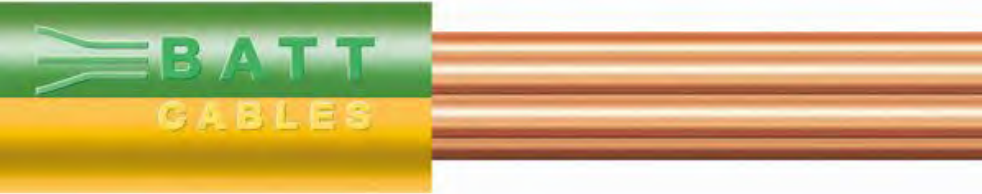
Fixed Wiring Cables

# Unarmoured Power Cables

Unarmoured power cables are simple in design, as they don’t feature protective layering.

This makes them a great choice when flexibility is needed and budgets are tight. They are suitable for less demanding applications where damage is unlikely to occur, such as inside walls.

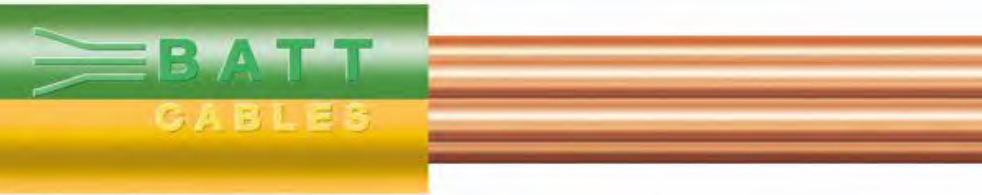
Featured Cable



6491-X / H07V-R Single Core Cable

<b>Conductor:</b> Plain Copper	<b>Outersheath Colour:</b> Black, White, Blue, Grey, Violet, Orange, Red, Green/Yellow, Brown, Yellow	<b>Operating Temperature:</b> 70°C
<b>Stranding:</b> Class 2		<b>Standards:</b> BS EN 50525-2-31, BS EN 60228
<b>Insulation:</b> PVC		
<b>Outersheath:</b> PVC	<b>Rated Voltage:</b> 450/750V	

Featured Cable



6491-B / H07Z-R Single Core Cable

<b>Conductor:</b> Plain Copper	<b>Outersheath Colour:</b> Black, White, Blue, Grey, Violet, Orange, Red, Green/Yellow, Brown, Yellow	<b>Operating Temperature:</b> 90°C
<b>Stranding:</b> Class 2		<b>Standards:</b> BS EN 50525-3-41 BS EN 60228
<b>Outersheath:</b> LSZH	<b>Rated Voltage:</b> 450/750V	

We offer a comprehensive range of products for this Unarmoured Power Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	1.5mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Green/Yellow, Blue, Brown, Black, Grey, White, Red, Orange, Violet	

We offer a comprehensive range of products for this Unarmoured Power Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	1.5mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Green/Yellow, Blue, Brown, Black, Grey, White, Red, Orange, Violet	

That’s not everything!  
*Don’t stop at cables—pair them with high-quality accessories designed for a flawless setup. Our full range has got you covered!*



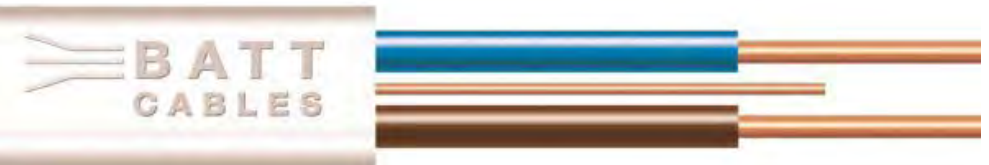
Featured Cable



624-Y Twin & Earth BS 6004

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Operating Temperature:</b>
<b>Stranding:</b> Class 1 and Class 2	2 Core: Blue, Brown and Bare (earth)	Maximum 70°C. Minimum Bending 0°C
<b>Insulation:</b> PVC	3 Core: Blue, Brown, Grey and Bare (earth)	<b>Standards:</b> BS 6004
<b>Outersheath:</b> PVC	<b>Bending Radius:</b>	
<b>Outersheath Colour:</b> Grey	Diameter up to 10mm – 3 x Overall Diameter	
<b>Rated Voltage:</b> 300/500V	Diameter 10mm to 25mm – 4 x Overall	
<b>Rating tables:</b> 4D5	Diameter	

Featured Cable



624-B Twin & Earth BS 7211

<b>Conductor:</b> Plain Copper	<b>Rating tables:</b> 4D5	<b>Operating Temperature:</b>
<b>Stranding:</b> Class 1 and Class 2	<b>Core Identification:</b>	Maximum 90°C. Minimum Bending -15°C
<b>Insulation:</b> XLPE	Brown, Blue and Bare (earth)	
<b>Outersheath:</b> LSZH	<b>Bending Radius:</b>	
<b>Outersheath Colour:</b> White	Diameter up to 10mm – 3 x Overall Diameter	
<b>Rated Voltage:</b> 300/500V	Diameter 10mm to 25mm – 4 x Overall	
	Diameter	

We offer a comprehensive range of products for this Unarmoured Power Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1c+E	3c+E
Conductor Sizes	1.5mm <sup>2</sup>	16mm <sup>2</sup>
Colours Available	Grey	

We offer a comprehensive range of products for this Unarmoured Power Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1c+E	3c+E
Conductor Sizes	1.5mm <sup>2</sup>	16mm <sup>2</sup>
Colours Available	White	



Great staff. Always use these.  
Google Review

Did you know?  
We recycle cable drums and  
re-use parts to make new ones

Featured Cable



6181-XY Double Insulated PVC Mains Cable

- Conductor:** Plain Copper

**Stranding:** Class 2

**Insulation:** XLPE

**Outersheath:** PVC
- Outersheath Colour:**  
Black, Blue, Grey, Brown

**Rated Voltage:** 0.6/1kV

**Core Identification:** Black, Blue, Grey, Brown
- Bending Radius:** 6 x Overall Diameter

**Operating Temperature:** 90°C

**Standards:** BS 7889

Featured Cable



6181-Y Double Insulated PVC Surface Wiring 300/500V

- Conductor:** Plain Copper

**Stranding:** Class 1 and Class 2

**Insulation:** PVC

**Outersheath:** PVC

**Rated Voltage:** 300/500V
- Rating Tables:** 4D1A, 4D1B

**Bending Radius:**  
Diameter up to 10mm 3 x Overall Diameter  
Diameter 10 – 25mm 4 x Overall Diameter
- Operating Temperature:**  
Maximum 70°C. Minimum Bending 0°C

We offer a comprehensive range of products for this Unarmoured Power Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	6.0mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Black, Blue, Grey, Brown	

We offer a comprehensive range of products for this Unarmoured Power Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	1.0mm <sup>2</sup>	25mm <sup>2</sup>
Colours Available	Black, Blue, Grey, Brown	

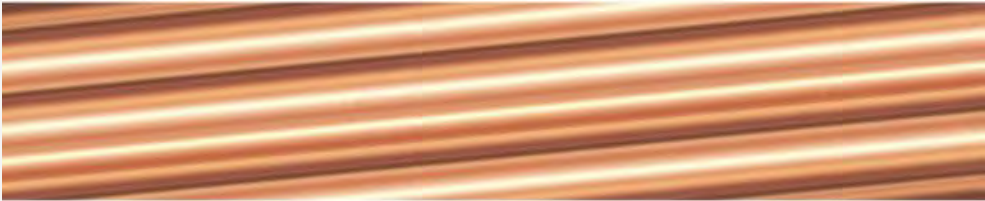
Did you know?  
*Batt Cables is the longest established  
cables distributor in the UK*



*Great products, service and technical knowledge.*  
Google Review



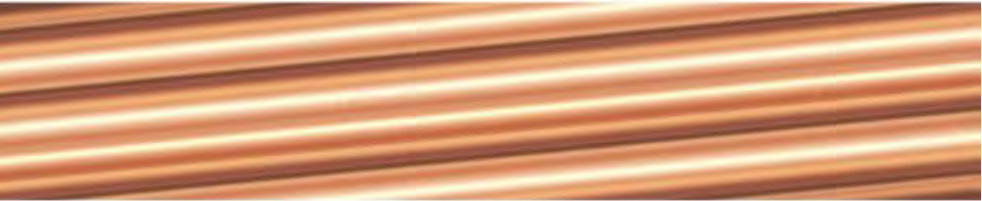
Featured Cable



Bare Copper Cable Hard Drawn BS 7884

Conductor: Plain Copper      Stranding: Class 2      Standards: BS 7884:1997

Featured Cable



Bare Copper Cable Soft Drawn BS EN 60228

Conductor: Plain Copper      Core Identification: 1 Core – Bare      Standards: BS EN 60228  
Stranding: Class 2

We offer a comprehensive range of products for this Unarmoured Power Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	16mm <sup>2</sup>	95mm <sup>2</sup>
Colours Available	n/a	

We offer a comprehensive range of products for this Unarmoured Power Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	6mm <sup>2</sup>	300mm <sup>2</sup>
Colours Available	n/a	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

Did you know?  
*Batt Cables was the first UK distributor  
to achieve ISO14001 accreditation*

Looking for something not listed?  
*Contact us to explore our full range of  
products – see p114 for your nearest  
branch’s contact details!*


Fixed Wiring Cables

# NYY Cables

NYY cables are PVC-insulated unarmoured power cables for energy supply in fixed installations.

They provide an economic solution for direct burial or ducting, subject to local regulations, and are suitable for indoor and outdoor use.

Featured Cable




NYY-J & NYY-O PVC Cable

**Conductor:** Plain Copper  
**Stranding:** Class 2  
**Insulation:** PVC  
**Outersheath:** PVC  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV  
**Minimum Bending Radius:**  
Fixed: 12 x Overall Diameter  
**Operating Temperature:** Max 70°C

**Core Identification:**  
Single Core: Black  
2 Core: Brown and Blue  
3 Core: Brown, Blue and Green/Yellow  
4 Core: Black, Grey, Brown and Green/Yellow  
5 Core: Black, Blue, Brown, Grey and Green/Yellow  
Seven - Forty Cores: Black Cores Numbered and Green/Yellow

**Standards:** IEC 60502-1, VDE 0276-603, HD 603, IEC 60228 Flame retardant according to IEC EN 60332-1-2  
**Approvals:**  



Featured Cable



N2XH-J LSZH Power Cable

**Conductor:** Plain Copper  
**Stranding:** Class 1  
**Insulation:** XLPE  
**Outersheath:** LSZH  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV  
**Minimum Bending Radius:**  
During Installation: 15 x Overall Diameter  
Fixed: 10 x Overall Diameter

**Operating Temperature:**  
Fixed: -20°C to +90°C  
**Core Identification:**  
2 Core: Brown, Blue  
3 Core: Blue, Brown and Green/Yellow  
4 Core: Brown, Black, Grey and Green/Yellow  
5 Core: Black, Blue, Brown, Grey and Green/Yellow  
7 Core + : Numbered and Green/Yellow

**Standards:** VDE 0276 part 604, VDE 0482 part 267, HS604 S1, HS627 S1, EN 50575:2014 + EN 50575/A1:2016, IEC 60502-1  
**Approvals:**  


We offer a comprehensive range of products for this NYY Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	7
Conductor Sizes	1.5mm <sup>2</sup>	16mm <sup>2</sup>
Colours Available	Black	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

We offer a comprehensive range of products for this NYY Cable. Below is a summary of the products available:		
	From	To
Number of Cores	2	19
Conductor Sizes	1.5mm <sup>2</sup>	50mm <sup>2</sup>
Colours Available	Black	



This is the best place for all your cable needs!  
Google Review



# Instrumentation Cables

Multi-conductor cables designed to carry low energy electrical signals from instrumentation and control equipment.

This makes them suitable for industrial, marine and petrochemical environments. Batt instrumentation cables are manufactured to PAS5308 standards.

## Featured Cable



### PAS/BS 5308 CAM Part 1 Type 1 Instrumentation Cable

<b>Conductor:</b> Plain Copper	1 Pair to 30 Pair: 1 Black & Blue	21 Red & Orange 22 Black & Yellow
<b>Stranding:</b> See Spec. Table	2 Black & Green	23 Blue & Yellow 24 Green & Yellow
<b>Insulation:</b> PE	3 Blue & Green 4 Black & Brown	25 Brown & Yellow 26 White & Yellow
<b>Collective Screen:</b> Collective Aluminium Mylar	5 Blue & Brown 6 Green & Brown	27 Red & Yellow 28 Orange & Yellow
<b>Outersheath:</b> PVC	7 Black & White 8 Blue & White	29 Black & Grey 30 Blue & Grey
<b>Outersheath Colour:</b> Black, Blue	9 Green & White 10 Brown & White	<b>Minimum Bending Radius:</b> 6 x OD
<b>Rated Voltage:</b> 500V	11 Black & Red 12 Blue & Red	<b>Operating Temperature:</b> -50°C to 70°C
<b>Core Identification:</b> Triad Cable: Black, Blue, Green	13 Green & Red 14 Brown & Red	<b>Standards:</b> BS 5308, PE BS 6234, BS EN 60332-3-Cat C
Quad Cable: Black, Blue, Green, Brown	15 White & Red 16 Black & Orange	
	17 Blue & Orange 18 Green & Orange	
	19 Brown & Orange 20 White & Orange	

## Featured Cable



### PAS/BS 5308 CAM Part 1 Type 1 LSZH Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Outersheath:</b> LSZH	<b>Operating Temperature:</b> -50°C to 90°C
<b>Stranding:</b> See Spec. Table	<b>Outersheath Colour:</b> Black, Blue	<b>Standards:</b> BS EN 60332-3-Cat C
<b>Insulation:</b> XLPE	<b>Rated Voltage:</b> 500V	
<b>Collective Screen:</b> Collective Aluminium Mylar	<b>Minimum Bending Radius:</b> 6 x OD	

We offer a comprehensive range of products for this Instrumentation Cable. Below is a summary of the products available:

	From	To
Number of Pairs	1	30
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

We offer a comprehensive range of products for this Instrumentation Cable. Below is a summary of the products available:

	From	To
Number of Pairs	1	20
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	



Great staff. Always use these.  
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Featured Cable



PAS/BS 5308 CAM Part 1 Type 2 Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Armour:</b> Steel Wire Armour	<b>Operating Temperature:</b>
<b>Stranding:</b> See Spec. Table	<b>Outersheath:</b> PVC	70°C
<b>Insulation:</b> PE	<b>Outersheath Colour:</b> Black, Blue	<b>Standards:</b>
<b>Collective Screen:</b>	<b>Rated Voltage:</b> 500V	PAS/BS 5308, EN 60228
Collective Aluminium Mylar	<b>Core Identification:</b>	
<b>Bedding:</b> PE	According to BS 5308 part 1	

Featured Cable



PAS/BS 5308 CAM Part 1 Type 2 MGT Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Armour:</b> Steel Wire Armour	<b>Operating Temperature:</b>
<b>Stranding:</b> See Spec. Table	<b>Outersheath:</b> LSZH	90°C
<b>Insulation:</b> MGT+XLPE	<b>Outersheath Colour:</b> Black, Blue, Red	<b>Standards:</b>
<b>Collective Screen:</b>	<b>Rated Voltage:</b> 500V	PAS/BS 5308, EN 60228
Collective Aluminium Mylar	<b>Core Identification:</b>	
<b>Bedding:</b> LSZH	According to BS 5308 part 1	

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	30
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	20
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

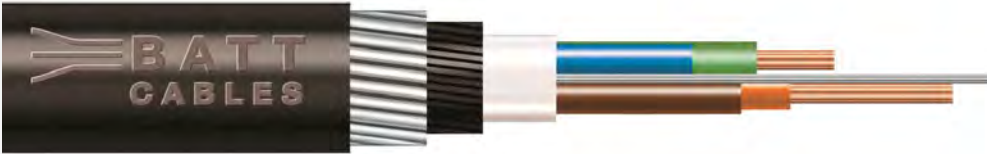
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*Great products, service and technical knowledge.*  
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Featured Cable



PAS/BS 5308 CAM Part 2 Type 2 Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Armour:</b> Steel Wire Armour	<b>Operating Temperature:</b>
<b>Stranding:</b> See Spec. Table	<b>Outersheath:</b> PVC	-30°C to +70°C
<b>Insulation:</b> PVC	<b>Outersheath Colour:</b> Black, Blue, Grey	<b>Standards:</b>
<b>Collective Screen:</b>	<b>Rated Voltage:</b> 500V	PAS/BS 5308, EN 60228, IEC EN 60332-1-2,
Collective Aluminium Mylar	<b>Minimum Bending Radius:</b> 6 x OD	IEC EN 60332-3-24

Featured Cable



PAS/BS 5308 IAM/CAM Part 1 Type 1 Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Collective Screen:</b>	<b>Core Identification:</b>
<b>Stranding:</b> See Spec. Table	Collective Aluminium Mylar	Black & Blue numbered pairs
<b>Insulation:</b> PE	<b>Outersheath:</b> PVC	<b>Minimum Bending Radius:</b> 5 x OD
<b>Individual Screen:</b>	<b>Outersheath Colour:</b> Black, Blue	<b>Operating Temperature:</b> 15°C to +65°C
Individual Aluminium Mylar	<b>Rated Voltage:</b> 500V	<b>Standards:</b>
		BS 5308, PE BS 6234, BS EN 60332-3-Cat C

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	30
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

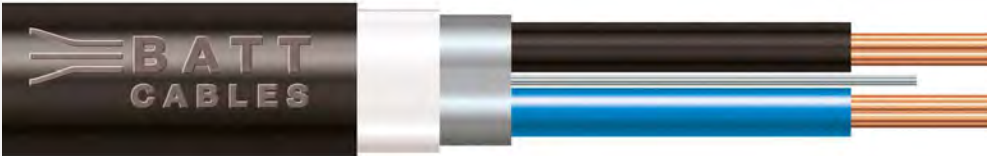
We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	30
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

Did you know?  
Batt Cables was the first UK distributor  
to achieve ISO14001 accreditation

Looking for something not listed?  
Contact us to explore our full range of  
products – see p114 for your nearest  
branch’s contact details!

Featured Cable



PAS/BS 5308 IAM/CAM Part 1 Type 1 LSZH Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Collective Screen:</b> Collective Aluminium Mylar	<b>Core Identification:</b> Black & Blue numbered pairs
<b>Stranding:</b> See Spec. Table	<b>Outersheath:</b> LSZH	<b>Minimum Bending Radius:</b> 6 x OD
<b>Insulation:</b> XLPE	<b>Outersheath Colour:</b> Black, Blue	<b>Operating Temperature:</b> -15°C/+90°C
<b>Individual Screen:</b> Individual Aluminium Mylar	<b>Rated Voltage:</b> 500V	<b>Standards:</b> PAS/BS 5308, BS EN 60332-3-Cat C; BS EN 60228

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	10
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

That’s not everything!  
Don’t stop at cables—pair them with high-quality accessories designed for a flawless setup.  
Our full range has got you covered!

Featured Cable



PAS/BS 5308 IAM/CAM Part 1 Type 2 Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Collective Screen:</b> Collective Aluminium Mylar	<b>Core Identification:</b> Black & Blue numbered pairs
<b>Stranding:</b> See Spec. Table	<b>Bedding:</b> PE	<b>Minimum Bending Radius:</b> 6 x OD
<b>Insulation:</b> PE	<b>Armour:</b> Steel Wire Armour	<b>Operating Temperature:</b> -50°C / +70°C
<b>Individual Screen:</b> Individual Aluminium Mylar	<b>Outersheath:</b> PVC	<b>Standards:</b> BS 5308, BS EN 60332-3-Cat C

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	30
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	



Great staff. Always use these.  
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Featured Cable



PAS/BS 5308 IAM/CAM Part 1 Type 2 LSZH Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Bedding:</b> LSZH	<b>Minimum Bending Radius:</b> 6 X OD
<b>Stranding:</b> See Spec. Table	<b>Armour:</b> Steel Wire Armour	<b>Operating Temperature:</b> -15°C/+90°C
<b>Insulation:</b> XLPE	<b>Outersheath:</b> LSZH	<b>Standards:</b> PAS/BS 5308, BS EN 60332-3-Cat C, BS EN 60228, IEC 60754-1, IEC 60754-2, IEC 61034
<b>Individual Screen:</b> Individual Aluminium Mylar	<b>Outersheath Colour:</b> Black, Blue	
<b>Collective Screen:</b> Collective Aluminium Mylar	<b>Rated Voltage:</b> 500V	
	<b>Core Identification:</b> Black & Blue numbered pairs	

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	20
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

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Featured Cable



PAS/BS 5308 IAM/CAM Part 1 Type 2 MGT Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Bedding:</b> LSZH	<b>Core Identification:</b> According to BS 5308 Part 1
<b>Insulation:</b> MGT+XLPE	<b>Armour:</b> Steel Wire Armour	<b>Operating Temperature:</b> 90°C
<b>Individual Screen:</b> Individual Aluminium Mylar	<b>Outersheath:</b> LSZH	<b>Standards:</b> PAS/BS 5308, EN 60228
<b>Collective Screen:</b> Collective Aluminium Mylar	<b>Outersheath:</b> Black, Blue	
	<b>Rated Voltage:</b> 500V	

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	10
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

Did you know?  
We recycle cable drums and  
re-use parts to make new ones

Featured Cable



PAS/BS 5308 IAM/CAM Part 2 Type 2 Instrumentation Cable

<b>Conductor:</b> Plain Copper	<b>Bedding:</b> PVC	<b>Core Identification:</b>
<b>Insulation:</b> PVC	<b>Armour:</b> Steel Wire Armour	According to BS 5308 part 2
<b>Individual Screen:</b>	<b>Outersheath:</b> PVC	<b>Operating Temperature:</b> 70°C
Individual Aluminium Mylar	<b>Outersheath:</b> Black, Blue	<b>Standards:</b> PAS/BS 5308, EN 60228
<b>Collective Screen:</b>	<b>Rated Voltage:</b> 500V	
Collective Aluminium Mylar		

We offer a comprehensive range of products for this Instrumentation Cable.  
Below is a summary of the products available:

	From	To
Number of Pairs	1	20
Conductor Sizes	0.5mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Black, Blue	
Additional	Triples & Quad also available	

Need more help?  
Contact your nearest branch.  
See page 114 for details.



Great products, service and technical knowledge.  
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Flexible Cables

PVC and LSZH Flexible Cables

PVC is a versatile, effective insulation material, known for its durability and value for money. Low Smoke Zero Halogen (LSZH) is a more advanced type of thermoplastic, which emits minimal smoke and no toxic gases when burning.

PVC can be used in a wide variety of applications. LSZH is commonly used in public areas and limited ventilation areas, such as aircraft, ships, subsea and offshore applications.

Featured Cable



318-Y / H05VV-F PVC Flexible Cable


<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 5	2 Core: Brown & Blue	6 x Overall Bending Radius
<b>Insulation:</b> PVC	3 Core: Brown, Blue & Green/Yellow	<b>Operating Temperature:</b> 60°C
<b>Outersheath:</b> PVC	4 Core: Brown, Grey, Black & Green/Yellow	<b>Standards:</b> BS 6004:2012
<b>Outersheath Colour:</b> Black, White, Orange	5 Core: Brown, Blue, Grey, Black & Green/Yellow	<b>Approvals:</b>
<b>Rated Voltage:</b> 300/500V		<HAR>

We offer a comprehensive range of products for this PVC Flexible Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	5
Conductor Sizes	1.5mm <sup>2</sup>	6.0mm <sup>2</sup>
Colours Available	Black, Yellow, Orange	



Featured Cable



**318-B / H05Z1Z1-K LSZH Flexible Cable**

**Conductor:** Plain Copper  
**Stranding:** Class 5  
**Outersheath:** LSZH  
**Outersheath Colour:** Black, White  
**Rated Voltage:** 500V


**Core Identification:**  
2 Core: Blue Brown  
3 Core: Green/Yellow Blue Brown  
4 Core: Green/Yellow Brown Black Grey  
5 Core: Green/Yellow Brown Black Grey Blue  
**Minimum Bending Radius:**  
Overall Bending Radius 5 x

**Operating Temperature:** 70°C  
**Standards:** BS 6004:2012  
**Approvals:**  
◁HAR▷

We offer a comprehensive range of products for this LSZH Flexible Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	12
Conductor Sizes	0.75mm <sup>2</sup>	4.0mm <sup>2</sup>
Colours Available	Black, White	

Need more help?  
Contact your nearest branch.  
See page 114 for details.



*This is the best place for all your cable needs!*

Google Review


Flexible Cables

# Arctic Grade

Arctic grade cables can be used both internally or externally to withstand temperatures of -40 degrees C.

Known for their high-grade PVC construction to remain pliable in extreme temperatures, they are suitable for powering portable tools and are often used in refrigeration rooms. Batt arctic grade cables meet the construction and testing requirements of BS 6004, for your peace of mind.

Featured Cable



**318-AG / Arctic Grade Cable**

**Conductor:** Plain Copper  
**Stranding:** Class 5  
**Insulation:** PVC  
**Outersheath:** PVC  
**Outersheath Colour:** Black, Orange, Yellow  
**Rated Voltage:** 500V

**Rating Tables:** 4F3A, 4F3B  
**Core Identification:**  
2 Core: Blue, Brown  
3 Core: Blue, Brown, Green/Yellow  
**Minimum Bending Radius:**  
3 x Overall Bending Radius

**Operating Temperature:** 70°C  
**Standards:** BS 6004, EN 60228 Flame Retardant according to IEC EN 60332-1-2

We offer a comprehensive range of products for this Arctic Grade Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	4
Conductor Sizes	1.5mm <sup>2</sup>	6.0mm <sup>2</sup>
Colours Available	Black, Yellow, Orange	

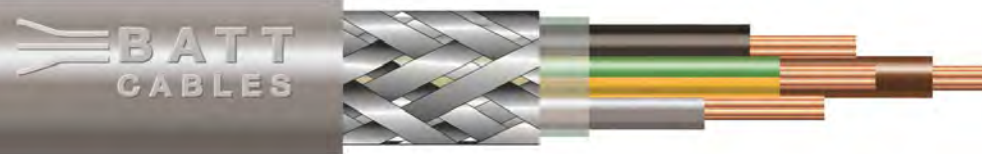
Flexible Cables

# Control Flexes

These are electrical cables that are designed to measure and regulate in process automation.

They can withstand constant movement and bending, so are often used in industrial, construction and rail applications. CY, YY and SY are examples of control flexes.

Featured Cable



### Type CY Flexible Control Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 5	2 Core: Blue, Brown	6 x Overall Diameter
<b>Insulation:</b> PVC	3 Core: Green/Yellow. Blue, Brown	<b>Operating Temperature:</b> 70°C
<b>Armour:</b> Tinned Copper Wire Braid	4 Core: Green/Yellow, Grey, Brown, Black	
<b>Outersheath:</b> PVC	5 Core: Green/Yellow, Grey, Brown, Black, Blue	
<b>Outersheath Colour:</b> Grey	7 Core: 6 Black Numbered + 1 Green/Yellow	
<b>Rated Voltage:</b> 300/500V	12 Core: 11 Black Numbered + 1 Green/Yellow	
	18 Core: 17 Black Numbered + 1 Green/Yellow	
	25 Core: 24 Black Numbered + 1 Green/Yellow	
	34 Core: 33 Black Numbered + Green/Yellow	
	37 Core: 36 Black Numbered + Green/Yellow	
	50 Core: 49 Black Numbered + Green/Yellow	

Featured Cable



### Type CY LSZH Flexible Control Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Operating Temperature:</b> 70°C
<b>Stranding:</b> Class 5	2 Core: Blue, Brown	
<b>Insulation:</b> LSZH	3 Core: Green/Yellow. Blue, Brown	
<b>Armour:</b> Tinned Copper Wire Braid	4 Core: Green/Yellow, Grey, Brown, Black	
<b>Outersheath:</b> LSZH	5 Core: Green/Yellow, Grey, Brown, Black, Blue	
<b>Outersheath Colour:</b> Grey	7 Core: 6 Black Numbered + 1 Green/Yellow	
<b>Rated Voltage:</b> 300/500V	12 Core: 11 Black Numbered + 1 Green/Yellow	
	18 Core: 17 Black Numbered + 1 Green/Yellow	
	25 Core: 24 Black Numbered + 1 Green/Yellow	

We offer a comprehensive range of products for this Control Flex Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	25
Conductor Sizes	0.5mm <sup>2</sup>	16mm <sup>2</sup>
Colours Available	Grey	

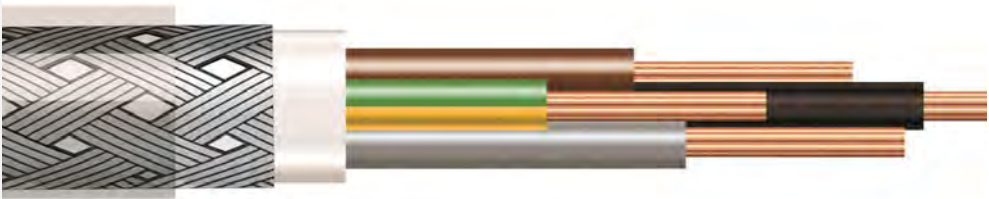
We offer a comprehensive range of products for this Control Flex Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	50
Conductor Sizes	0.5mm <sup>2</sup>	50mm <sup>2</sup>
Colours Available	Grey	

That’s not everything!  
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Featured Cable

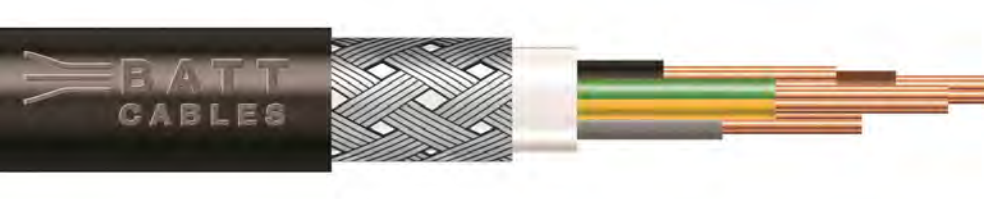


Type SY Flexible Control Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 5	2 Core: Brown & Blue	6 x Overall Diameter
<b>Insulation:</b> PVC	3 Core: Brown, Blue & Green/Yellow	<b>Operating Temperature:</b>
<b>Bedding:</b> PVC	4 Core: Brown, Grey, Black & Green/Yellow	Maximum 70°C. Minimum Bending 0°C
<b>Armour:</b> Galvanised Steel Wire Braid	5 Core: Brown, Blue, Grey, Black &	
<b>Outersheath:</b> PVC	Green/Yellow	
<b>Outersheath Colour:</b> Transparent	7 Cores Plus: Black Numbered + 1	
<b>Rated Voltage:</b> 300/500V	Green/Yellow	

We offer a comprehensive range of products for this Control Flex Cable. Below is a summary of the products available:		
	From	To
Number of Cores	2	41
Conductor Sizes	0.75mm <sup>2</sup>	120mm <sup>2</sup>
Colours Available	Transparent	

Featured Cable



Type SY LSZH Flexible Control Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 5	2 Core: Brown and Blue	10 x Overall Diameter
<b>Insulation:</b> LSZH	3 Core: Brown, Blue and Green/Yellow	<b>Operating Temperature:</b>
<b>Bedding:</b> LSZH	4 Core: Brown, Grey, Black and Green/Yellow	-15°C to +70°C
<b>Armour:</b> Galvanised Steel Wire Braid	5 Core: Brown, Grey, Black, Blue and	
<b>Outersheath:</b> LSZH	Green/Yellow	
<b>Outersheath Colour:</b> Black	7 Cores Plus: Black Numbered + 1	
<b>Rated Voltage:</b> 300/500V	Green Yellow	


We offer a comprehensive range of products for this Control Flex Cable. Below is a summary of the products available:		
	From	To
Number of Cores	2	18
Conductor Sizes	0.75mm <sup>2</sup>	16mm <sup>2</sup>
Colours Available	Black	



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Did you know?  
We recycle cable drums and  
re-use parts to make new ones

Featured Cable



Type YY Flexible Control Cable

Conductor: Plain Copper

Stranding: Class 5

Insulation: PVC

Outersheath: PVC

Outersheath Colour: Grey

Rated Voltage: 300/500V

Core Identification:

2 Core: Brown and Blue

3 Core: Brown, Blue & Green/Yellow

4 Core: Brown, Grey, Black & Green/Yellow

5 Core: Brown, Blue, Grey, Black & Green/Yellow

7 Cores Plus: Black numbered + 1 Green/Yellow

Minimum Bending Radius:

Fixed: 4 x Overall Diameter Flexed: 12.5 x Overall Diameter

Operating Temperature:

Fixed: -40°C to +80°C

Flexed: -5°C to +70°C

Featured Cable



Type YY LSZH Flexible Control Cable

Conductor: Plain Copper

Stranding: Class 5

Insulation: LSZH

Outersheath: LSZH

Outersheath Colour: Grey

Rated Voltage: 300/500V

Core Identification:

2 Core: Brown and Blue

3 Core: Brown, Blue & Green/Yellow

4 Core: Brown, Grey, Black & Green/Yellow

5 Core: Brown, Blue, Grey, Black & Green/Yellow

7 Cores Plus: Black numbered + 1 Green/Yellow

Minimum Bending Radius:

Fixed: 6 x Overall Diameter Flexed: 15 x Overall Diameter

Operating Temperature:

Fixed: -40°C to +80°C

Flexed: -15°C to +70°C

We offer a comprehensive range of products for this Control Flex Cable. Below is a summary of the products available:

	From	To
Number of Cores	2	50
Conductor Sizes	0.5mm <sup>2</sup>	95mm <sup>2</sup>
Colours Available	Grey	

We offer a comprehensive range of products for this Control Flex Cable. Below is a summary of the products available:

	From	To
Number of Cores	2	18
Conductor Sizes	0.75mm <sup>2</sup>	16mm <sup>2</sup>
Colours Available	Grey	

Need more help?  
Contact your nearest branch.  
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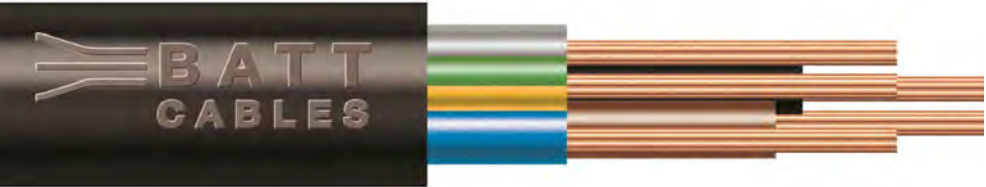
Flexible Cables

# Rubber Flexible Cables

Rubber flexible cables are designed to remain durable and flexible in the harshest environments.

They are oil, water and temperature resistant. They can bend and twist easily, making them ideal for tight spaces. The versatility of rubber makes them suitable for a wide range of uses in construction, mining and events. Flexible cables are to harmonised standards with UK and Europe.

Featured Cable



### H07RN-F Flexible Rubber Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 5	Single Core: Black	Overall Bending Radius 6 x
<b>Insulation:</b> EPR	2 Core: Blue & Brown	<b>Operating Temperature:</b> 60°C
<b>Outersheath:</b> PCP	3 Core: Blue, Brown & Green/Yellow	<b>Standards:</b> BS EN 50525-2-21
<b>Outersheath Colour:</b> Black	4 Core: Black, Brown, Grey & Green/Yellow	
<b>Rated Voltage:</b> 450/750V	5 Core: Black, Blue, Brown, Grey & Green/Yellow	
	7 Cores and above: Black Numbered + 1 Green/Yellow	

Featured Cable



### 638TQ H07BN4-F HOFR Trailing Flexible Cable

<b>Conductor:</b> Tinned Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 5	1 Core: Black	Overall Bending Radius 6 x
<b>Insulation:</b> EPR	2 Core: Blue, Brown	<b>Operating Temperature:</b>
<b>Outersheath:</b> CSP	3 Core: Blue, Brow, Green/Yellow	90°C
<b>Outersheath Colour:</b> Black	4 Core: Black, Brown, Grey, Green/Yellow	<b>Standards:</b> BS EN 50525-2-21
<b>Rated Voltage:</b> 300/500V	5 Core: Black, Blue, Brown, Grey, Green/Yellow	
	6 Core and above: Numbered	

We offer a comprehensive range of products for this Rubber Flexible Cable. Below is a summary of the products available:


	From	To
Number of Cores	1	7
Conductor Sizes	0.75mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Rubber Flexible Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	27
Conductor Sizes	0.75mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Black	

Looking for something not listed?  
Contact us to explore our full range of products – see p114 for your nearest branch’s contact details!

Featured Cable



318-TRS / H05RR-F HOFR Rubber Flexible Cable

Conductor: Plain Copper

Stranding: Class 5

Insulation: EPR

Outersheath: TRS

Outersheath Colour: Black

Rated Voltage: 300/500V

Core Identification:

2 Core: Blue & Brown

3 Core: Blue, Brown & Green/Yellow

4 Core: Black, Brown, Grey & Green/Yellow

5 Core: Black, Blue, Brown, Grey & Green/Yellow

Minimum Bending Radius:

6 x Overall Diameter

Operating Temperature:

Maximum 60°C. Minimum Bending -25°C

Standards: BS EN 50525-2-21

We offer a comprehensive range of products for this Rubber Flexible Cable. Below is a summary of the products available:

	From	To
Number of Cores	2	5
Conductor Sizes	0.75mm <sup>2</sup>	2.5mm <sup>2</sup>
Colours Available	Black	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

Did you know?  
*Batt Cables was the first UK distributor to achieve ISO14001 accreditation*

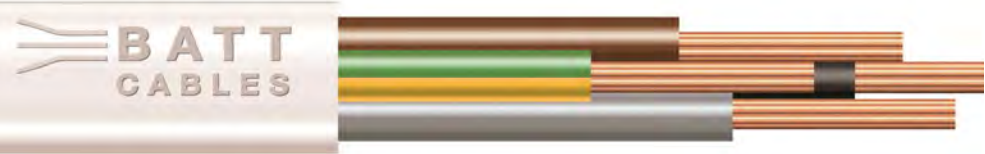
Flexible Cables

# High Temperature Cables

High temperature cables can operate safely from -50 to +180 degrees C, so are suitable for a variety of industrial applications.

Silicone insulated and sheathed materials produce minimal smoke and fumes when exposed to fire, making high temperature cables a safe choice for engineers, contractors and specifiers. Flexible cables are to harmonised standards with UK and Europe.

Featured Cable



309-Y / H05V2V2-F PVC Flexible Cable

Conductor: Plain Copper

Stranding: Class 5

Insulation: PVC

Outersheath: PVC

Outersheath Colour: White

Rated Voltage: 500V

Core Identification:

2 Core: Blue, Brown

3 Core: Green/Yellow, Blue, Brown

4 Core: Green/Yellow, Brown, Black, Grey

5 Core: Green/Yellow, Brown, Black, Grey, Blue

Operating Temperature:

90°C

Standards:

EN 50525-2-11, ROHS 2011/65/UE, EN 50575:2014 + A1

Approvals:

<HARD>

We offer a comprehensive range of products for this High Temperature Cable. Below is a summary of the products available:

	From	To
Number of Cores	2	5
Conductor Sizes	0.75mm <sup>2</sup>	2.5mm <sup>2</sup>
Colours Available	White	

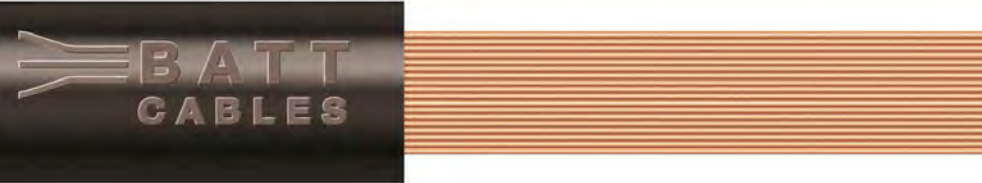
Flexible Cables

# Tri-Rated and Bi-Rated Cables

These are types of high temperature, flame retardant electrical wire, sometimes known as panel wire or switchgear cables.

They meet multiple standards – Tri wire meet BS 6231 (British Standard) UL758 (US market) and CSA 22.2 (Canadian Standard) requirements, for your peace of mind. Flexible cables are to harmonised standards with UK and Europe.

Featured Cable



Tri-Rated BS 6231 Flexible PVC Cable

- Conductor:** Plain Copper

**Stranding:** Class 5

**Insulation:** PVC

**Outersheath Colour:** Black, White, Blue, Grey, Violet, Orange, Red, Green/Yellow, Brown, Pink, Yellow, Green
- Rated Voltage:** 0.6/1kV

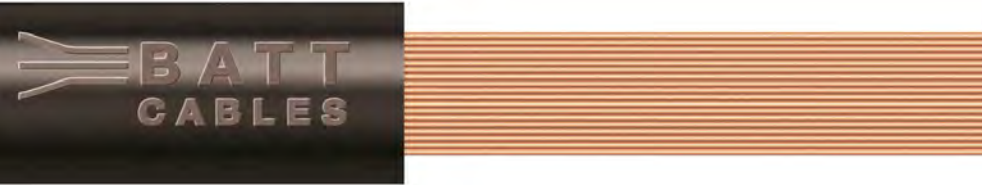
**Core Identification:** 1 Core

**Minimum Bending Radius:** Overall Bending Radius 6 x

**Operating Temperature:** 105°C

**Standards:** UL/CSA & BS 6231

Featured Cable



Bi-Rated – 150 to 400mm

- Conductor:** Plain Copper

**Stranding:** Class 5

**Insulation:** PVC

**Outersheath Colour:** Black, Green/Yellow
- Rated Voltage:** 0.6/1kV

**Core Identification:** 1 Core

**Minimum Bending Radius:** Overall Bending Radius 6x
- Operating Temperature:** 105°C

**Standards:** UL/CSA & BS 6231

We offer a comprehensive range of products for this Bi-Rated Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	150mm <sup>2</sup>	400mm <sup>2</sup>
Colours Available	Black, Green/Yellow	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

We offer a comprehensive range of products for this Tri-Rated Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	0.5mm <sup>2</sup>	120mm <sup>2</sup>
Colours Available	Red, Black, Green/Yellow, Brown, Blue, Yellow, White, Grey, Green, Violet, Pink, Orange	



This is the best place for all your cable needs!  
Google Review





Our products

# Specialist Cables.

Some projects require specialist cables, as well as the specialist knowledge and insight that's needed to make the most efficient and cost effective choice. Our expert team is on hand to help you to find the perfect product for your project. We can even help with customised cables tailored to your specifications.

# Renewable Energy

To support the rapidly expanding renewable energy sector, Batt supplies all the different types of cables used in wind farms, from armoured power cable and IEC power cable to control cable and fibre cables for monitoring and controlling turbines.

Bus cables are used in conjunction with the power cables for digital control systems.

Likewise, BEV and PHEV vehicles are fully accommodated, including armoured Power + Data LSZH cables.

## Featured Cable



### H1Z2Z2-K Solar Cable

**Conductor:** Tinned Copper  
**Stranding:** Class 5  
**Outersheath Colour:** Black, Red

**Minimum Bending Radius:**  
4 x Overall Diameter  
**Operating Temperature:**  
-40°C to +90°C

**Standards:**  
EN 50618:2014 – Electric cables for photovoltaic systems (BT(DE/OT)258)

## Featured Cable



### 33kV Aluminium Windfarm Cable MDPE BS 7870-4.10

**Conductor:** Aluminium  
**Stranding:** Class 2  
**Insulation:** XLPE  
**Metallic Screen:** Copper Wire Screen

**Outersheath:** MDPE  
**Outersheath Colour:** Black  
**Rated Voltage:** 19/33kV

**Minimum Bending Radius:**  
20 x Overall Diameter  
**Standards:** BS 7870-4.10

We offer a comprehensive range of products for this Renewable Energy Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	70mm <sup>2</sup>	630mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Renewable Energy Cable. Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	4.0mm <sup>2</sup>	10mm <sup>2</sup>
Colours Available	Black, Red	

That’s not everything!  
*Don’t stop at cables—pair them with high-quality accessories designed for a flawless setup. Our full range has got you covered!*

Featured Cable



EV Charging Cable Power + Data LSZH

**Conductor:** Plain Copper  
**Stranding:** Class 5  
**Insulation:** XLPE  
**Outersheath:** LSZH  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV

**Core Identification:**  
*Element A (CAT 6A F/FTP)*  
Blue, White  
Orange, White  
Green, White  
Brown, White  
*Element B (Power Cable)*  
Blue, Brown and Green/Yellow

**Minimum Bending Radius:**  
6 x Overall Diameter  
**Operating Temperature:**  
Flex/installation Temperature: -5°C to +65°C  
Static/working Temperature: -20°C to +80°C  
**Standards:** BEIA-TIA 568, IEC 11801, IEC 61156, EN 50173, EN 50288-10-1, IEC 60502-1, IEC 60332-3-24, IEC 60332-1-2

Featured Cable



EV Charging Cable Power + Data Armoured LSZH

**Conductor:** Plain Copper  
**Stranding:** Class 5  
**Armour:** Steel Wire Armour  
**Outersheath:** LSZH  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV

**Core Identification:**  
*Element A (CAT 6A F/FTP)*  
Blue, White  
Orange, White  
Green, White  
Brown, White  
*Element B (Power Cable)*  
Blue, Brown and Green/Yellow

**Minimum Bending Radius:**  
10 x Overall Diameter  
**Operating Temperature:**  
Flex/installation Temperature: -5°C to +65°C  
Static/working Temperature: -20°C to +80°C  
**Standards:** EIA-TIA 568, IEC 11801, IEC 61156, EN 50173, EN 50288-10-1, IEC 60502-1, IEC 60332-3-24, IEC 60332-1-2

We offer a comprehensive range of products for this Renewable Energy Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	3	3
Conductor Sizes	4mm <sup>2</sup>	6mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Renewable Energy Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	3	3
Conductor Sizes	4mm <sup>2</sup>	6mm <sup>2</sup>
Colours Available	Black	

Need more help?  
Contact your nearest branch.  
See page 114 for details.



Great products, service and technical knowledge.  
Google Review



Great staff. Always use these.  
Google Review

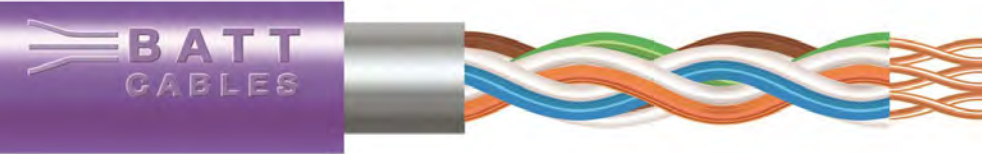


# Data and Telecom Cables

Batt offers a wide range of power, copper and ground products specifically for structured data centre applications.

These include CAT5 and CAT6 twisted pairs and coaxial cables. Plus, we provide telephone cables to connect devices to networks for seamless communications in our interconnected world.

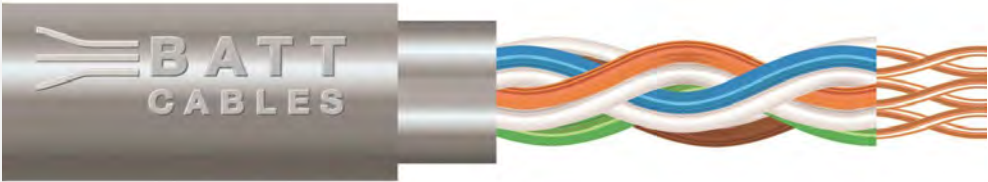
## Featured Cable



### CAT 5E FTP/LSZH Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 1	Pair 1: Blue, White/Blue	4 x Overall Bending Radius
<b>Insulation:</b> PE	Pair 2: Orange, White/Orange	<b>Operating Temperature:</b> 60°C
<b>Outersheath:</b> LSZH	Pair 3: Green, White/Green	<b>Standards:</b> ISO/IEC 11801, TIA 568C.2, YD/
<b>Outersheath Colour:</b> Blue, Violet, Red, Green	Pair 4: Brown, White/Brown	T1019 Flame Retardant according to BS EN /
<b>Shield:</b> FTP		IEC 60332-1-2

## Featured Cable



### CAT 5E FTP/PVC Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 1	Pair 1: Blue, White/Blue	Overall Bending Radius 4 x
<b>Insulation:</b> PE	Pair 2: Orange, White/Orange	<b>Operating Temperature:</b> 70°C
<b>Outersheath:</b> PVC	Pair 3: Green, White/Green	<b>Standards:</b> IEC 11801, TIA 568C.2 Flame
<b>Outersheath Colour:</b> Grey	Pair 4: Brown, White/Brown	Retardant according to BS EN /IEC 60332-1-2
<b>Shield:</b> FTP		

We offer a comprehensive range of products for this Data & Telecoms Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	4
Conductor Sizes	-	-
Colours Available	Grey	

We offer a comprehensive range of products for this Data & Telecoms Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	4
Conductor Sizes	-	-
Colours Available	Violet, Green, Blue	

That’s not everything!  
*Don’t stop at cables—pair them with high-quality accessories designed for a flawless setup. Our full range has got you covered!*

Featured Cable



CAT 5E UTP/LSZH Cable

**Conductor:** Plain Copper  
**Stranding:** Class  
**Insulation:** PE  
**Outersheath:** LSZH  
**Outersheath Colour:** Grey, Violet, Orange  
**Shield:** UTP

**Core Identification:**  
Pair 1: Blue, Blue/White  
Pair 2: Orange, White/Orange  
Pair 3: Green, White/Green  
Pair 4: Brown, White/Brown

**Minimum Bending Radius:**  
Overall Bending Radius 4 x  
**Operating Temperature:** 60°C  
**Standards:** ISO.IEC, TIA 568C.2, YD/T1019  
Flame Retardant according to BS EN /IEC 60332-1-2

We offer a comprehensive range of products for this Data & Telecoms Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	4
Conductor Sizes	-	-
Colours Available	Grey, Violet, Orange	

Did you know?  
We recycle cable drums and  
re-use parts to make new ones

Featured Cable



CAT 5E UTP/PVC Cable

**Conductor:** Plain Copper  
**Stranding:** Class 1  
**Insulation:** PE  
**Outersheath:** PVC  
**Outersheath Colour:** White, Blue, Grey, Red, Yellow, Green

**Shield:** UTP  
**Core Identification:**  
Pair 1: Blue, White/Blue  
Pair 2: Orange, White Orange  
Pair 3: Green, White/Green  
Pair 4: Brown, White/Brown

**Minimum Bending Radius:**  
Overall Bending Radius 4 x  
**Operating Temperature:** 70°C  
**Standards:** ISO/IEC 11801, TIA 568C.2 Flame Retardant according to BS EN /IEC 60332-1-2

We offer a comprehensive range of products for this Data & Telecoms Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	4
Conductor Sizes	-	-
Colours Available	Grey, Blue, Green, Yellow, White, Red	



Great staff. Always use these.  
Google Review

Featured Cable



CAT 6 UTP/LSZH Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 1	Pair 1: Blue, White/Blue	Overall Bending Radius 4 x
<b>Insulation:</b> PE	Pair 2: Orange, White/Orange	<b>Operating Temperature:</b> 60°C
<b>Outersheath:</b> LSZH	Pair 3: Green, White/Green	<b>Standards:</b> ISO/IEC 11801, TIA 568C.2 Flame
<b>Outersheath Colour:</b> Black, White, Violet, Red	Pair 4: Brown, White/Brown	Retardant according to BS EN /IEC 60332-1-2
<b>Shield:</b> UTP		

We offer a comprehensive range of products for this Data & Telecoms Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	4
Conductor Sizes	-	-
Colours Available	Black, Violet, Blue, Red, Orange, Grey	

Featured Cable



CAT 6 UTP/PVC Cable

<b>Conductor:</b> Plain Copper	<b>Core Identification:</b>	<b>Minimum Bending Radius:</b>
<b>Stranding:</b> Class 1	Pair 1: Blue, White/Blue	Overall Bending Radius 4 x
<b>Insulation:</b> PE	Pair 2: Orange, White/Orange	<b>Operating Temperature:</b> 60°C
<b>Outersheath Colour:</b> Black, Grey	Pair 3: Green, White/Green	<b>Standards:</b> ISO/IEC 11801, TIA 568C.2,
<b>Shield:</b> UTP	Pair 4: Brown, White/Brown	YD/T1019

We offer a comprehensive range of products for this Data & Telecoms Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	4
Conductor Sizes	-	-
Colours Available	Grey	

Need more help?  
Contact your nearest branch.  
See page 114 for details.



Great products, service and technical knowledge.  
Google Review

Did you know?  
Batt Cables is the longest established  
cables distributor in the UK



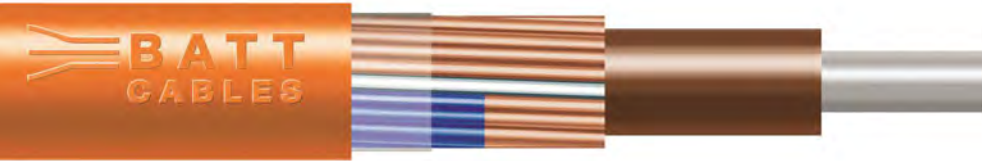
# Utilities

We meet the wide range of needs of Utilities businesses, from standard high voltage cables for power transmission and bare copper cable for overhead distribution, to more specialist applications.

For example, Drincable is exclusively available from Batt in the UK, approved by the WRAS (Water Regulation Advisory Scheme) for installation in drinking water.

Batt is an approved supplier to the utilities industry with the UVDB, supplier number 71504, and also approved to Verify Category A for supply to the utilities industry.

## Featured Cable



### Aluminium LSZH Split Concentric BS 7870

<b>Conductor:</b> Aluminium	<b>Rated Voltage:</b> 0.6/1kV	<b>Operating Temperature:</b>
<b>Stranding:</b> Class 1	<b>Minimum Bending Radius:</b>	-15°C to + 70°C
<b>Insulation:</b> XLPE	8 x Overall Diameter	<b>Standards:</b> BS 7870-3.22
<b>Outersheath:</b> LSZH		
<b>Outersheath Colour:</b> Orange		

## Featured Cable



### Aluminium LSZH Straight Concentric BS 7870

<b>Conductor:</b> Aluminium	<b>Rated Voltage:</b> 0.6/1kV	<b>Operating Temperature:</b>
<b>Stranding:</b> Class 1	<b>Minimum Bending Radius:</b>	-15°C to + 70°C
<b>Insulation:</b> XLPE	8 x Overall Diameter	<b>Standards:</b>
<b>Outersheath:</b> LSZH		BS 7870-3-11, EN 60228 Flame Retardant according to IEC EN 60332-1-2

We offer a comprehensive range of products for this Utilities Cable.  
Below is a summary of the products available:

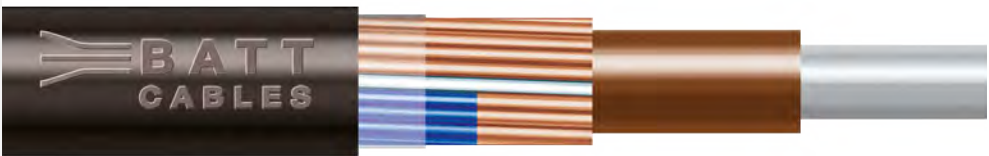
	From	To
Number of Cores	3	3
Conductor Sizes	35mm <sup>2</sup>	35mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Utilities Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	25mm <sup>2</sup>	35mm <sup>2</sup>
Colours Available	Orange	

Looking for something not listed?  
Contact us to explore our full range of products – see p114 for your nearest branch’s contact details!

Featured Cable



Aluminium PVC Split Concentric BS 7870

**Conductor:** Aluminium  
**Stranding:** Class 1  
**Insulation:** XLPE  
**Outersheath:** PVC  
**Outersheath Colour:** Black

**Rated Voltage:** 0.6/1kV  
**Core Identification:** Single Core - Brown  
**Minimum Bending Radius:** 8 x Overall Diameter

**Operating Temperature:** -15°C to + 70°C  
**Standards:** BS 7870-3.20

We offer a comprehensive range of products for this Utilities Cable. Below is a summary of the products available:		
	From	To
Number of Cores	1	1
Conductor Sizes	25mm <sup>2</sup>	25mm <sup>2</sup>
Colours Available	Black	

Did you know?

Batt Cables was the first UK distributor to achieve ISO14001 accreditation

Featured Cable



Copper LSZH Split Concentric BS 7870

**Conductor:** Plain Copper  
**Stranding:** Class 2  
**Insulation:** XLPE  
**Outersheath:** LSZH  
**Outersheath Colour:** Black, Brown

**Rated Voltage:** 0.6/1kV  
**Minimum Bending Radius:** Overall Bending Radius 155 x  
**Operating Temperature:** 70°C

**Standards:** Generally to BS 7870-3-21, EN 60228 Flame Retardant according to IEC EN 60332-1-2

We offer a comprehensive range of products for this Utilities Cable. Below is a summary of the products available:		
	From	To
Number of Cores	1	1
Conductor Sizes	6mm <sup>2</sup>	35mm <sup>2</sup>
Colours Available	Black	



This is the best place for all your cable needs!  
Google Review

Featured Cable



Copper PVC Split Concentric BS 7870

- Conductor:** Plain Copper

**Stranding:** Class 2

**Insulation:** XLPE

**Bedding:** PVC

**Outersheath:** PVC
- Outersheath Colour:** Black

**Rated Voltage:** 0.6/1kV

**Core Identification:** 1 Core: Brown

**Minimum Bending Radius:** 15 x Overall Diameter
- Operating Temperature:** 90°C

**Standards:** BS 7870

Featured Cable



WRAS Approved EPDM Drinking Water Cable

- Conductor:** Tinned Copper

**Stranding:** Class 5

**Insulation:** EPDM

**Outersheath:** EPDM


**Outersheath Colour:** Light Blue

**Rated Voltage:** 450/750V
- Core Identification:** Single Core - Black

4 Core - Green/Yellow, Brown, Black, Grey

**Minimum Bending Radius:** Fixed: 3 x Overall Diameter/Flexed: 5 x Overall Diameter

**Operating Temperature:** Temperature Rating: -25°C to +90°C/Maximum Water Temperature: +80°C
- Standards:** WRAS approved Certificates available on request

**Approvals:** 

We offer a comprehensive range of products for this Utilities Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	1
Conductor Sizes	6mm <sup>2</sup>	35mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Utilities Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	4
Conductor Sizes	1.5mm <sup>2</sup>	70mm <sup>2</sup>
Colours Available	Light Blue	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

That’s not everything!  
*Don’t stop at cables—pair them with high-quality accessories designed for a flawless setup. Our full range has got you covered!*

Did you know?  
*We recycle cable drums and re-use parts to make new ones*

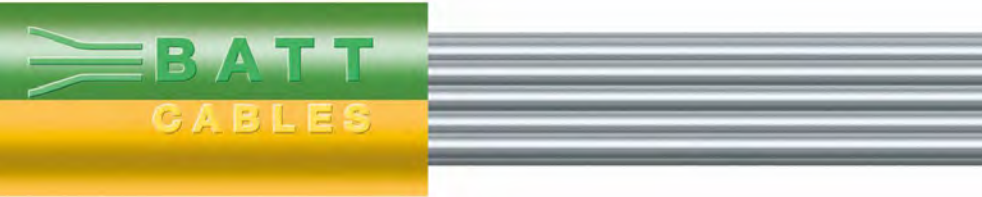


# Oil, Gas and Petrochemicals

We understand the need to provide high performance electrical cables for the harsh environments in the oil, gas and petrochemical industries.

Our stock means we can supply cables for many applications such as power, control, instrumentation, communications, signalling and safety critical systems quickly, effectively and competitively. Cable approvals for the Oil & Gas industry include Underwriters Laboratories (UL), the Canadian Standards Association and JQS for the Nordic countries, supplier number 25884.

## Featured Cable



### Type UX 0.6/1kV ZH Mud Resistant Earth Cable to NEK606

**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Outersheath:** SHF2  
**Outersheath Colour:** Green, Yellow  
**Rated Voltage:** 0.6/1kV

**Operating Temperature:** 90°C  
**Standards:** NEK 606, IEC 60092-353, IEC 60332-1, IEC 60332-3-22, IEC 60754-1, IEC 61034, CSA 22.2, EN 60079-14:2013 clause 9.3.2a



We offer a comprehensive range of products for this Oil, Gas & Petrochemicals Cable. Below is a summary of the products available:		
	From	To
Number of Cores	1	1
Conductor Sizes	1.0mm <sup>2</sup>	1.6mm <sup>2</sup>
Colours Available	Green/Yellow	

**Need more help?**  
**Contact your nearest branch.**  
**See page 114 for details.**

# Offshore Cables

Offshore cables are used in a number of sectors, including Wind Energy, Marine and Oil & Gas.

They are used for power transmission, communications and instrumentation applications. Batt offers a wide range, including array and export cables. Our cables are highly durable, fire safe and corrosion resistant.

## Featured Cable



### BFOU Power ZH Mud Resistant

**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Insulation:** MGT+EPR  
**Bedding:** LSZH  
**Armour:** Tinned Copper Wire Braid  
**Outersheath:** SHF2  
**Outersheath Colour:** Black

**Rated Voltage:** 0.6/1kV  
**Operating Temperature:** 90°C  
**Standards:** NEK 606, IEC 60092-353, IEC 60332-1-2, IEC 60332-3-22, IEC 60331-1, IEC 60754-1/2, IEC 61034-1/2, CSA C 22.2, EN 60079-14:2013 clause 9.3.2a



We offer a comprehensive range of products for this Oil, Gas & Petrochemicals Cable. Below is a summary of the products available:		
	From	To
Number of Cores	1	37
Conductor Sizes	1.5mm <sup>2</sup>	300mm <sup>2</sup>
Colours Available	Black	

Featured Cable



BFOU(i) Instrumentation Cable 250V ZH Mud Resistant

**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Insulation:** MGT+EPR  
**Individual Screen:** Individual Copper Mylar  
**Bedding:** LSZH  
**Armour:** Tinned Copper Wire Braid  
**Outersheath:** SHF2  
**Outersheath Colour:** Blue, Grey  
**Rated Voltage:** 250V

**Core Identification:**  
Pairs: Black, Blue and Numbered  
Triples: Black, Blue, Brown and Numbered  
**Operating Temperature:**  
90°C  
**Standards:**  
NEK 606, IEC 60092-353, EN 60228, IEC 60331, IEC 60332-3-22, IEC 60332-1-2, IEC 61034-2, IEC 60754-1/2, EN 60079-14:2013 clause 9.3.2a



We offer a comprehensive range of products for this Oil, Gas & Petrochemicals Cable.  
Below is a summary of the products available:

	From	To
Number of Cores/Pairs	1pr	24pr
Conductor Sizes	0.75mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Blue, Grey	

That’s not everything!  
Don’t stop at cables—pair them with high-quality accessories designed for a flawless setup.  
Our full range has got you covered!

Featured Cable



RFOU Power Cable 0.6/1kV ZH Mud Resistant

**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Insulation:** EPR  
**Bedding:** LSZH  
**Armour:** Tinned Copper Wire Braid  
**Outersheath:** SHF2  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV

**Core Identification:**  
Pairs: Black, Blue and Numbered  
Triples: Black, Blue, Brown and Numbered  
**Operating Temperature:**  
90°C  
**Standards:**  
NEK 606, IEC 60092-353, IEC 60754-1/2, IEC 60332-3-22, IEC 61034-1,2, CSA C 22.2, EN 60079-14:2013 clause 9.3.2a



We offer a comprehensive range of products for this Oil, Gas & Petrochemicals Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	37
Conductor Sizes	1.5mm <sup>2</sup>	300mm <sup>2</sup>
Colours Available	Black	

Did you know?  
We recycle cable drums and re-use parts to make new ones

Featured Cable



RFOU (i) Instrumentation Cable 150/250V ZH Mud Resistant

- Conductor:** Tinned Copper

**Stranding:** Class 2

**Insulation:** EPR

**Individual Screen:** Individual Copper Mylar

**Bedding:** LSZH

**Armour:** Tinned Copper Wire Braid

**Outersheath:** SHF2

**Outersheath Colour:** Blue, Grey

**Rated Voltage:** 250V
- Core Identification:**  
Pairs: Black, Blue  
Triples: Black, Blue, Brown

**Operating Temperature:**  
90°C

**Standards:**  
NEK606, IEC 60092-376, IEC 60092-376, IEC 60332, IEC 61031-1.2 IEC 60754-1, IEC 60228, CSA C 22.2, EN 60079-14:2013 clause 9.3.2a



We offer a comprehensive range of products for this Oil, Gas & Petrochemicals Cable.  
Below is a summary of the products available:

	From	To
Number of Cores/Pairs	1pr	24pr
Conductor Sizes	0.75mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Blue, Grey	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

Did you know?  
Batt Cables was the first UK distributor  
to achieve ISO14001 accreditation

# Marine

Batt has a huge marine cable and offshore cable product range.

Our ship cables comply with all relevant standards such as IEC 60092, BS 6883 and NEK 606 as well as IEC 60331 for fire resistance. A wide range of sizes, armouring and flexible conductors is available to accommodate the weight and size limitations often found onboard and ease installation. In addition to the specialised shipwiring and boat cables such as Marineflex, Marineflex B, BS 6883 and RFOU/BFOU, we stock power, control, instrumentation, signalling, low smoke and communications cables to cover all offshore, marine and shipboard applications. Many of our marine cables have type approvals such as American Bureau of Shipping, Bureau Veritas, China Classification Society, DNV, Germanischer Lloyd, Korean Register, Lloyds Register of Shipping, NK, RINA and ABS.

Featured Cable



657-FR / BS 7917

- Conductor:** Tinned Copper

**Stranding:** Class 2

**Outersheath:** SW4

**Insulation:** EPR

**Bedding:** LSZH

**Outersheath Colour:** Black, Green/Yellow

**Rated Voltage:** 0.6/1kV

**Core Identification:**  
White Cores with Black numbers
- Minimum Bending Radius:**  
Up to 10mm 3 x OD, 10-25mm 4 x OD, Above 25mm 6 x OD

**Operating Temperature:**  
Maximum 90°C. Minimum Bending -25°C, fixed installation -40 °C
- Standards:**  
BS 6883; BS EN 60228:2005 (previously BS 6360), BS EN 50266-2-2 Category A/F, IEC 60332-3-22; BS EN 61034-2, IEC 61034-2, BS EN 50267-2-1, IEC 60754-1

**Approvals:**



We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	12
Conductor Sizes	1.5mm <sup>2</sup>	16.0mm <sup>2</sup>
Colours Available	Black, Green/Yellow	



Featured Cable



657TQ / BS 6883

**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Outersheath:** ZHAL SW4  
**Insulation:** EPR  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV

**Core Identification:**  
White with Black printed numbers  
**Minimum Bending Radius:**  
Overall Bending Radius 3 x  
**Operating Temperature:**  
90°C

**Standards:**  
BS 6883, EN 60228 Flame Retardant according to IEC EN 60032-3-22  
Halogen Free according to IEC EN 6103 4-1/2  
**Approvals:**



Featured Cable





658TQ / BS 6883

**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Armour:** Steel Wire Braid  
**Outersheath Colour:** Black  
**Rated Voltage:** 0.6/1kV

**Minimum Bending Radius:**  
Overall Bending Radius 3 x  
**Operating Temperature:**  
90°C

**Standards:**  
BS 6883, EN 60228  
**Approvals:**



We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	5
Conductor Sizes	1mm <sup>2</sup>	120mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	4
Conductor Sizes	1.5mm <sup>2</sup>	120mm <sup>2</sup>
Colours Available	Black	

Looking for something not listed?  
Contact us to explore our full range of products – see p114 for your nearest branch’s contact details!

Did you know?  
Batt Cables is the longest established cables distributor in the UK

Featured Cable







Marineflex-B Power 600/1000V

- Conductor:** Plain Copper
- Stranding:** Flexible
- Insulation:** XLPE
- Metallic Screen:** Plain Copper Wire Braid
- Outersheath:** SHF1
- Outersheath Colour:** Black
- Rated Voltage:** 0.6/1kV
- Core Identification:**
- 1 Core: Black
- 2 Core: Black & Light Blue
- 3 Core: Black,Light Blue & Brown
- 4 Core: Black, Light Blue, Brown & White
- 5 Core and above: White cores with Black numbers
- Operating Temperature:**
- Maximum 90°C

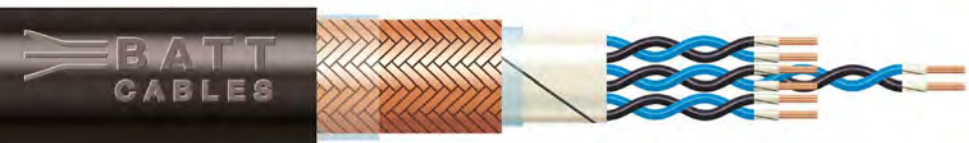
**Standards:**

IEC 60092-353, IEC 60228, IEC 60332, IEC 60754, IEC 61034

**Approvals:**



Featured Cable



Marineflex-B(c) Instrumentation 250V

- Conductor:** Plain Copper
- Stranding:** Flexible
- Insulation:** XLPE
- Collective Screen:** Collective Copper Mylar
- Armour:** Plain Copper Wire Braid
- Outersheath:** SHF1
- Outersheath Colour:** Blue, Grey
- Rated Voltage:** 250V
- Core Identification:**
- Pairs: Light Blue and Black (numbered)
- Triples: Light Blue, Black and Brown (numbered)
- Operating Temperature:**
- 90°C
- Standards:**
- IEC 60092-376, IEC 60092-350, IEC 60332-1, IEC 60332-3-22, IEC 60754-1, IEC 60754-2, IEC 61034-2, CSA C22.2

**Approvals:**



We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	7
Conductor Sizes	1.5mm <sup>2</sup>	150mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1pr	24
Conductor Sizes	0.75mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Blue, Grey	



Great staff. Always use these.  
Google Review



Great products, service and technical knowledge.  
Google Review

Featured Cable



Marineflex-B-331 Power 600/1000V

**Conductor:** Plain Copper  
**Stranding:** Flexible  
**Insulation:** MGT + XLPE  
**Metallic Screen:** Plain Copper Wire Braid  
**Bedding:** LSZH  
**Armour:** Plain Copper Wire Braid  
**Outersheath:** SHF1  
**Outersheath Colour:** Black

**Rated Voltage:** 0.6/1kV  
**Core Identification:**  
1 Core: Black  
2 Core: Black & Light Blue  
3 Core: Black, Light Blue & Brown  
4 Core: Black, Light Blue, Brown & White  
5 Core and above: White and numbered  
**Operating Temperature:**  
90°C

**Standards:**  
IEC 60092-353, IEC 60332-1, IEC 60332-3-22, IEC 60331-21, IEC 60754-1, IEC 60754-2, IEC 61034-2, CSA C22.2

**Approvals:**

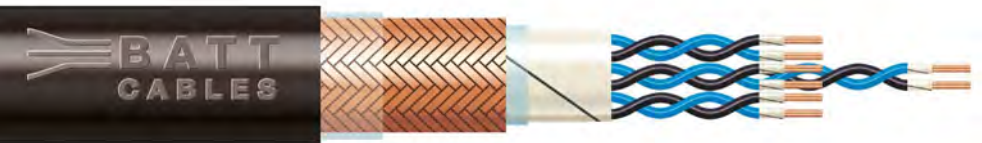


We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	12
Conductor Sizes	1.5mm <sup>2</sup>	50mm <sup>2</sup>
Colours Available	Black	

Did you know?  
*Batt Cables was the first UK distributor to achieve ISO14001 accreditation*

Featured Cable



Marineflex-B(c)-331 Instrumentation 250V

**Conductor:** Plain Copper  
**Stranding:** Flexible  
**Insulation:** MGT+XLPE  
**Collective Screen:** Collective Copper Mylar  
**Armour:** Plain Copper Wire Braid  
**Outersheath:** SHF1

**Outersheath Colour:** Blue, Grey  
**Rated Voltage:** 250V  
**Core Identification:**  
Pairs: Light Blue and Black (numbered)  
Triples: Light Blue, Black and Brown (numbered)  
**Operating Temperature:**  
90°C

**Standards:**  
IEC 60092-376, IEC 60092-350, IEC 60332-1, IEC 60332-3-22, IEC 60754-1, IEC 60754-2, IEC 61034-2, CSA C22.2

**Approvals:**



We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	4
Conductor Sizes	0.75mm <sup>2</sup>	1.5mm <sup>2</sup>
Colours Available	Blue, Grey	



*This is the best place for all your cable needs!*  
Google Review



Featured Cable



Marineflex Power 600/1000V

- Conductor:** Plain Copper

**Stranding:** Flexible

**Insulation:** XLPE

**Outersheath:** SHF1

**Outersheath Colour:** Black

**Rated Voltage:** 0.6/1kV
- Core Identification:**

1 Core: Black

2 Core: Brown & Blue

3 Core: Brown, Black & Grey

4 Core: Brown, Blue, Black & Grey





5 Core and above: White cores with Black numbers
- Operating Temperature:**

Maximum 90°C

**Standards:**

IEC 60092-353, IEC 60332, IEC 60754, IEC 61034

**Approvals:**



Featured Cable



Marineflex-B MV 6/10kV

- Conductor:** Plain Copper

**Stranding:** Flexible

**Insulation:** EPR

**Metallic Screen:** Plain Copper Taped Screen

**Bedding:** LSZH

**Armour:** Plain Copper Wire Braid

**Outersheath:** SHF1
- Outersheath Colour:** Red

**Rated Voltage:** 250V

**Core Identification:**

1 Core: Neutral

3 Core: Neutral with numbered tapes

**Operating Temperature:**

90°C
- Standards:**

IEC 60092-354 IEC 60502-2, IEC 60332-1 IEC 60332-3-22, IEC 60754-1 IEC 60754/2, IEC 61034-2, CSA C22.2

**Approvals:**



We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	4
Conductor Sizes	1.5mm <sup>2</sup>	150mm <sup>2</sup>
Colours Available	Black	


We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	1	3
Conductor Sizes	25mm <sup>2</sup>	185mm <sup>2</sup>
Colours Available	Red	

Looking for something not listed?  
Contact us to explore our full range of products – see p114 for your nearest branch’s contact details!


Did you know?  
Batt Cables is the longest established cables distributor in the UK

Featured Cable



**BS 7917 Instrumentation**  
**Conductor:** Tinned Copper  
**Stranding:** Class 2  
**Insulation:** EPR  
**Armour:** Galvanised Steel Wire Braid  
**Outersheath:** HFFR (Halogen Free Flame Retardant)

**Outersheath Colour:** Black, Blue, Grey  
**Rated Voltage:** 250V  
**Minimum Bending Radius:** Pairs: Black, White and Numbered  
**Operating Temperature:** 90°C

**Standards:** BS 7917, IEC EN 60331-1/2  
**Approvals:**

We offer a comprehensive range of products for this Marine Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	36
Conductor Sizes	2.4mm <sup>2</sup>	8.4mm <sup>2</sup>
Colours Available	Black	

Need more help?  
Contact your nearest branch.  
See page 114 for details.



Great staff. Always use these.  
Google Review

# Defence Rated Cables

Defence rated cables are multi-core, flexible cables designed for wiring between components within instruments and electrical equipment.

They are commonly used in aircraft, computing and military vehicles. LSZH versions offer increased fire safety protection.

Featured Cable



**Defence Standard 61-12 Part 4 (Screened) - LSZH**  
**Conductor:** Tinned Copper  
**Insulation:** LSZH  
**Armour:** Tinned Copper Wire Braid  
**Outersheath:** LSZH  
**Outersheath Colour:** Black

**Core Identification:** Single and Bi-coloured Cores  
2 to 36 Core in acc. Def Stan 61-12.  
**Minimum Bending Radius:** 6 x Overall Diameter  
**Operating Temperature:** 70°C. Minimum Bending: -15°C

**Standards:** Defence standard 61-12 Part 4: Wires, cords & cables, electrical -metric units. Part 4 - cables, special purpose, electrical (sub miniature electrical cables)

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	36
Conductor Sizes	0.22mm <sup>2</sup>	0.22mm <sup>2</sup>
Colours Available	Black	

Featured Cable



Defence Standard 61-12 Part 4 (Screened) - PVC

<b>Conductor:</b> Tinned Copper	<b>Core Identification:</b> Single and Bi-coloured Cores	<b>Operating Temperature:</b> Fixed: -30°C to + 70°C
<b>Insulation:</b> PVC	2 to 36 Core in acc. Def Stan 61-12.	Flexed: -15°C to +70°C
<b>Armour:</b> Tinned Copper Wire Braid	<b>Minimum Bending Radius:</b> Fixed: 7.5 x Overall Diameter	<b>Standards:</b> Defence Standard 61-12 Part 4
<b>Outersheath:</b> PVC		
<b>Outersheath Colour:</b> Black		

Featured Cable



Defence Standard 61-12 Part 4 (Unscreened) - LSZH

<b>Conductor:</b> Tinned Copper	<b>Core Identification:</b> Single and Bi-coloured Cores	<b>Standards:</b> Defence standard 61-12 Part 4: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multi-core cables)
<b>Insulation:</b> LSZH	2 to 36 Core in acc. Def Stan 61-12	
<b>Outersheath:</b> LSZH	<b>Minimum Bending Radius:</b> 6 x Overall Diameter	
<b>Outersheath Colour:</b> Black	<b>Operating Temperature:</b> 70°C. Minimum Bending: -15°C	

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	25
Conductor Sizes	0.22mm <sup>2</sup>	0.22mm <sup>2</sup>
Colours Available	Black	

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	4	8
Conductor Sizes	0.22mm <sup>2</sup>	0.22mm <sup>2</sup>
Colours Available	Black	

Did you know?  
We recycle cable drums and  
re-use parts to make new ones

That’s not everything!  
Don’t stop at cables—pair them with high-quality  
accessories designed for a flawless setup.  
Our full range has got you covered!



Featured Cable



Defence Standard 61-12 Part 4 (Unscreened) - PVC

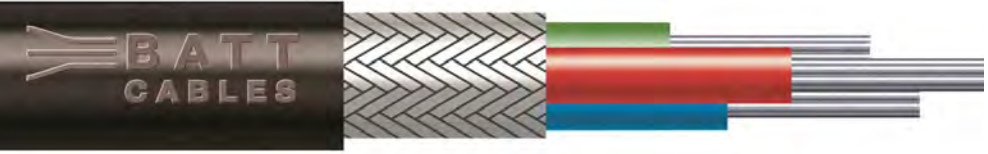
<b>Conductor:</b> Tinned Copper	<b>Core Identification:</b> Single and Bi-coloured Cores	<b>Operating Temperature:</b> Fixed: -30°C to + 70°C
<b>Insulation:</b> PVC	2 to 36 Core in acc. Def Stan 61-12	Flexed: -15°C to +70°C
<b>Outersheath:</b> PVC	<b>Minimum Bending Radius:</b>	<b>Standards:</b>
<b>Outersheath Colour:</b> Black	Fixed: 7.5 x Overall Diameter	Defence Standard 61-12 Part 4

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	3	18
Conductor Sizes	0.22mm <sup>2</sup>	0.22mm <sup>2</sup>
Colours Available	Black	

Did you know?  
*Batt Cables is the longest established  
cables distributor in the UK*

Featured Cable



Defence Standard 61-12 Part 5 (Screened) - LSZH

<b>Conductor:</b> Tinned Copper	<b>Core Identification:</b> Single and Bi-coloured Cores	<b>Standards:</b>
<b>Insulation:</b> LSZH	2 to 36 Core in acc. Def Stan 61-12.	Defence standard 61-12 Part 5: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multi-core cables)
<b>Armour:</b> Tinned Copper Wire Braid	<b>Minimum Bending Radius:</b>	
<b>Outersheath:</b> LSZH	6 x Overall Diameter	
<b>Outersheath Colour:</b> Black	<b>Operating Temperature:</b>	
	90°C. Minimum Bending: -15°C	

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	25
Conductor Sizes	0.5mm <sup>2</sup>	0.5mm <sup>2</sup>
Colours Available	Black	



*Great products, service and technical knowledge.*  
Google Review

Featured Cable



Defence Standard 61-12 Part 5 (Screened) - PVC

- Conductor:** Tinned Copper

**Insulation:** PVC

**Armour:** Tinned Copper Wire Braid

**Outersheath:** PVC

**Outersheath Colour:** Black
- Core Identification:**  
Single and Bi-coloured Cores

2 to 36 Core in acc. Def Stan 61-12.

**Minimum Bending Radius:**  
Overall Bending Radius 7.5 x
- Operating Temperature:** 70°C

**Standards:** Defence Standard 61-12 Part 5

Featured Cable



Defence Standard 61-12 Part 5 (Unscreened) - LSZH

- Conductor:** Tinned Copper

**Insulation:** LSZH

**Outersheath:** LSZH

**Outersheath Colour:** Black

**Minimum Bending Radius:**  
6 x Overall Diameter
- Core Identification:**  
Single and Bi-coloured Cores

2 to 36 Core in acc. Def Stan 61-12.

**Operating Temperature:**  
Maximum 90°C. Minimum flexing -15°C
- Standards:**  
Defence standard 61-12 Part 5: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multi-core cables)

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	36
Conductor Sizes	0.5mm <sup>2</sup>	0.5mm <sup>2</sup>
Colours Available	Black	


We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

	From	To
Number of Cores	2	12
Conductor Sizes	0.5mm <sup>2</sup>	0.5mm <sup>2</sup>
Colours Available	Black	

Did you know?  
Batt Cables was the first UK distributor  
to achieve ISO14001 accreditation

Looking for something not listed?  
Contact us to explore our full range of  
products – see p114 for your nearest  
branch’s contact details!

Featured Cable



Defence Standard 61-12 Part 5 (Unscreened) - PVC

**Conductor:** Tinned Copper

**Insulation:** PVC

**Outersheath:** PVC

**Outersheath Colour:** Black

**Minimum Bending Radius:** 6 x Overall Diameter

**Core Identification:** Single and Bi-coloured Cores

2 to 36 Core in acc. Def Stan 61-12.

**Operating Temperature:** 70°C. Minimum Bending: 0°C

**Standards:** Defence standard 61-12 Part 5: Wires, cords & cables, electrical -metric units. Part 5 - cables, special purpose, electrical & cables, power, electrical (small multi-core cables)

We offer a comprehensive range of products for this Defence Rated Cable.  
Below is a summary of the products available:

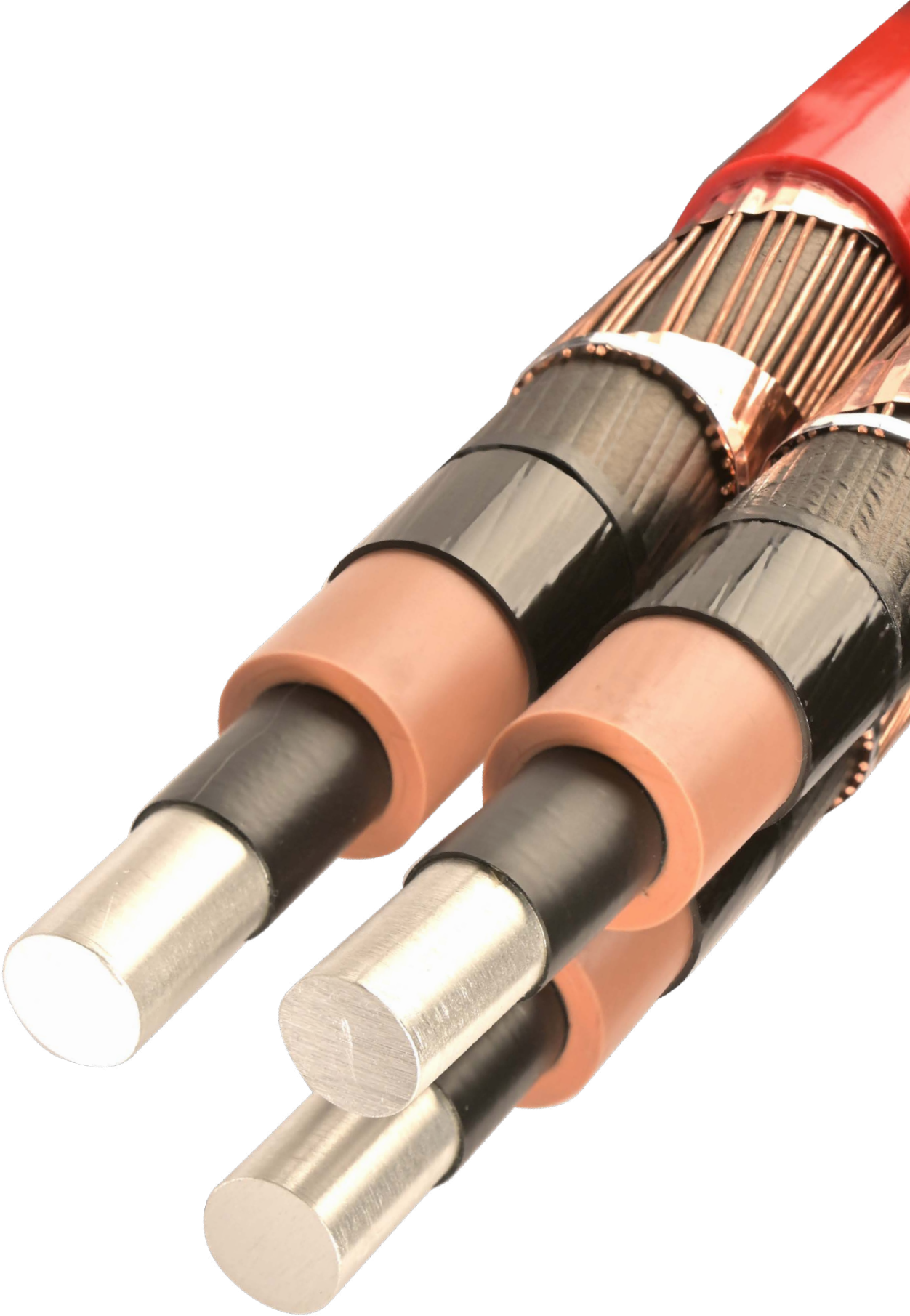
	From	To
Number of Cores	2	25
Conductor Sizes	0.5mm <sup>2</sup>	0.5mm <sup>2</sup>
Colours Available	Black	

Need more help?  
Contact your nearest branch.  
See page 114 for details.

★★★★★

This is the best place for all your cable needs!

Google Review







# The right fit. In one hit.

We can supply essential accessories you need to complete the job. All applied to pre-cut lengths prior to delivery so the whole assembly arrives on site ready to fit in one easy delivery.



### Low Voltage Resin Jointing Kit

Includes strong transparent plastic moulds, resin, PVC tape, protective plastic gloves and earthing kit.



### Quad Cleats

To secure, fix and route cables in Quad formation, available in Stainless Steel material.



### Fire Performance Cleats

Designed, constructed and tested to international fire performance standards. Made from stainless steel. Suitable for indoor and outdoor applications and cable diameters from 10mm to 67mm.

Our products

# Accessories.

Our general and specialist product ranges are only the beginning of everything we can do for you.





**Trefoil Cleats**

To secure, fix and route cables in Trefoil formation, available in Aluminium material.



**Aluminium Cleats**

Single and two bolt cleats available. Diecast aluminium is flame retardant, corrosion resistant and anti-magnetic. Suitable for harsh and hazardous conditions.



**Polypropylene & LSZH Cleats**

Two-bolt dual fixing cleats suitable for all cable voltages. Designed to be easily stacked to save time and space.



**Telcleat**

Single-piece, single-fixing cleats made from low-density polyethylene. UV and weather resistant. Suitable for cables with outside diameters of between 10mm and 51mm.



**Single Bolt Aluminium Cleats**

A two-piece single fixing cleat made from aluminium alloy. Can be stacked to a maximum of three-on-one fixing. Suitable for all types of cable routes.



**ATEX Gland Kits**

Flameproof and weather proof protection for use in ATEX hazardous and risk of explosive atmospheres. Available in various sizes and materials.



**Premium Industrial Gland Kits**

A selection of armoured and unarmoured industrial gland kits. Available in various sizes.



**Economy Industrial Gland Kits**

A selection of industrial armoured and unarmoured cable glands, available in either PVC or LSF kits with Aluminium material options.



**Premium LSF Industrial Gland Kits**

Features shrouds made from low-smoke, non-drip self-extinguishing and halogen-free material. Approved for use within the London Underground network. Available in a range of sizes.



**Gland Shrouds**

We offer a full range of standard and low smoke options in a variety of sizes.



Transformer Lugs

Four-hole, tin plated copper lugs, designed to fit most common transformer fixings with M8 studs/holes. Suitable for low voltage (LV) applications.



Cable Ties

Nylon and premium grade stainless steel cable ties available in a range of sizes and colours.



Adaptors/Reducers

Used for converting different size threads. We have a wide range of sizes available, in brass, stainless steel and nickel plated brass options. Suitable for industrial and explosive atmosphere applications.



Plastic Cable Glands

A standard metric range of nylon/polyamide glands for unarmoured cables in industrial applications. Available in a variety of colours.



Stopping Plugs

For blanking used cable entries. Available in recessed, hexagonal head and dome styles and brass, stainless steel and nickel-plated brass materials.



Gland Accessories

A variety of nuts and washers are available in plastic, brass and steel, with standard and serrated finishes.



Cable Lugs

Tin-plated copper crimp lugs designed for low voltage (LV) cables up to 1000V. Available in all sizes with multiple studs/holes.



Splice Connectors

Sometimes called butt connectors. Tin-plated copper material used to connect cables of equal cross sectional area. Suitable for all low voltage applications up to 1000V.



Mechanical Connectors

Available in brass and tin-plated copper, Batt offers a selection of mechanical in-line and shear-head connectors for low voltage cables of equal cross-sectional area, up to 1000V.

What our customers say about us

Don't just take  
our word for it.

Hear what our customers think of our range and our service.

“

We were in the market for a Cca approved lighting cable. Contact was really friendly and the technical experience of sales contact was obvious. Not only all our question were answered but we got questions back as well on topics we didn't think of. It felt like we were doing this together, there was no supplier customer feeling at all. We placed 3<sup>rd</sup> order this week for production of the mentioned cable.

”

Purchasing Manager

“

I have dealt with Batt Cables for many years. Their service is second to none. The staff are so friendly and very knowledgeable, and they have a huge selection of cables and glands in stock. I would highly recommend Batt for your cable supplies.

”

Independent Wholesaler

“

We worked together on a project with Batt Cables. Their unwavering commitment to quality, reliability and customer satisfaction has made them an indispensable partner.

From the moment we engaged with Batt Cables it was evident that they were fully dedicated to understanding the unique needs of our project. Their team went above and beyond to provide custom solutions, ensuring we had the perfect electrical cables for every element of our project.

Throughout this collaboration, Batt Cables demonstrated exceptional professionalism and responsiveness. Their proactive approach to communication and problem solving meant that any challenges were addressed quickly, keeping our project on track.

What really stood out was Batt Cables' relentless pursuit of excellence. Their products not only met, but exceeded our expectations, delivering outstanding performance and reliability even in the most demanding conditions.

Thanks to the expertise and support of Batt Cables, our project was completed with precision and efficiency. It is clear that Batt Cables is not just a supplier, but a trusted partner dedicated to our success.

We look forward to continuing our partnership with them on future projects and would highly recommend their services to anyone needing top-notch electrical solutions.

”

Project Manager



# Case studies.



Venice  
**Mose Project**

The groundbreaking Mose project (Modulo Sperimentale Elettromeccanico - Experimental Electromechanical Module) aims to protect the iconic city of Venice and its lagoon from the devastating effects of high tides. With rising sea levels posing an increasingly urgent threat to Venice’s cultural heritage and infrastructure, the Mose barriers represent a pioneering solution to safeguard the city against inundation.

The Mose barriers are flap gates that effectively separate the lagoon from the sea during high tides up to 3 meters as well as anticipated sea level rises of up to 60 centimetres over the next century.

Batt Cables supplied a range of cables for the project, in collaboration with industry leader ABB. These included low-voltage instrument and power cables (some armoured) with tinned copper conductors. These cables play a crucial role in the construction and operation of the mobile barriers by facilitating a seamless integration of vital electrical systems.



North Sea  
**One Dyas**

Batt Cables collaborated with Stork to secure a contract for the first electrified ONE-Dyas N05-A gas production platform in the North Sea. This groundbreaking project, located within the GEMS (Gateway to the River Ems) area, enables the platform to operate solely on offshore wind power from the nearby Riffgat Offshore Wind Farm.

The project required a reliable and efficient supply of cables that could meet the demanding specifications of offshore operations. Around 700km worth of NEK606 cables were needed, including RU/RFOU/BFOU/UX types.

Batt Cables delivered NEK606 cables tailored to the needs of the project that offered superior performance, durability, and reliability. The cables ensure uninterrupted power transmission, compliance with industry standards, and long-term performance.



London  
**McAuliffe Site Services**

**Tottenham Hale Development: Enriching Community Life**

A vibrant mix of residential, commercial, and leisure spaces. Batt Cables supplied SWA LSZH multi-cores – BS 6724 – to ensure safety and reliability in this bustling urban hub. With over 1,000 new homes, cinemas, restaurants, local business spaces, and a health centre, this development is not merely about infrastructure but enriching community life.

**Brent Cross Cricklewood: Redefining Urban Living**

Spanning 50 acres, the Brent Cross Cricklewood encompasses 6,700 homes, workplaces for 25,000 people, and modern retail spaces. The emphasis on greenery with 50 acres of parks and recreational facilities underscores the commitment to sustainable and holistic urban planning.

**Beaufort Park Hendon: A Modern Neighbourhood Oasis**

This 25-acre landmark project in Colindale offers 3,200 apartments, surrounded by beautifully landscaped parkland. Beyond housing, amenities like eateries, supermarkets, and fitness facilities create a self-sustaining community, with excellent transport links further enhancing accessibility.

**Berkley Homes Plumstead: Transforming Historic Spaces**

The historic home of Arsenal FC is being transformed into a vibrant community. The project includes a biodiverse park, stylish living options, and ample outdoor recreational spaces. This redevelopment not only revitalises the area but also celebrates its rich heritage.

**Liverpool Street Project: A Hub of Commerce and Culture**

Designed by Eric Parry Architects, the Liverpool Street Project is set to become a hub of commerce and culture in the heart of London. The project includes substantial office and retail spaces.

**Deanston Wharf Project: Redefining Newham’s Landscape**

A high-density residential-led neighbourhood. Temporary site solutions support the construction of new homes and commercial spaces. This project reflects a commitment to sustainable urban development and community-centric design.



Get in touch

# We make your life easier.

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Find out more, visit [battcables.com](https://battcables.com)

To view our full range of cables  
online, scan the QR code

