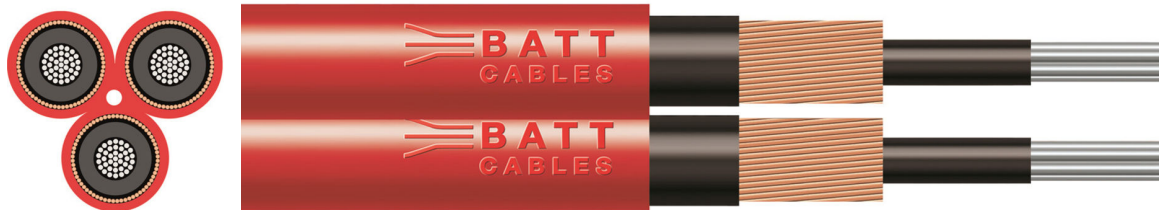


11KV TRIPLEX ALUMINIUM BS7870



These utility mains power cables, arranged in triplex formation with three single cores, and manufactured to BS 7870-4.10 standards, are designed for efficient power distribution. Commonly used by Distribution Network Operators (DNOs) and generation utilities, they are ideal for connecting electrical grids to sub-main developments and are suitable for power networks, outdoor installation, and cable ducting.

CONDUCTOR	Aluminium
STRANDING	Class 2
INSULATION	XLPE
METALLIC SCREEN	Copper Wire Screen
ARMOUR	Plain Copper Wire Braid
OUTERSHEATH	MDPE
OUTERSHEATH COLOUR	Red
RATED VOLTAGE	6.35/11kV
STANDARDS	BS7870-4.10

SPECIFICATION DATA

Size sq.mm	Weight kg/km	Max DC resistance at 20°C	Max AC resistance at 90°C	Current rating laid in ground (A)	Current rating laid in air 25°C (A)
95	2901	0.320	0.413	245	285
185	3926	0.164	0.215	353	430
300	5138	0.100	0.133	461	580

BATT Part No	Size	Nominal Conductor Diameter mm	Nominal Conductor Screen Thickness	Diameter over Insulation mm	Insulation thickness mm	Diameter over Screen mm	Diameter over Sheath mm	Diameter in Triplex information mm
56606	95	10.65	0.7	18.95	1	23.03	27.12	58.54
56607	185	14.9	0.7	23.25	1	27.33	31.67	68.24
56608	300	19	0.7	27.3	1	31.38	36.12	77.83

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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