

33KV ALUMINIUM WINDFARM CABLE MDPE BS7870-4.10



High-voltage single-core cable designed specifically for wind farms, compliant with BS 7870-4.10 standards, suitable for power networks, and installation in various conditions including underground, outdoor, and cable ducting.

CONDUCTOR	Aluminium
STRANDING	Class 2
INSULATION	XLPE
OUTERSHEATH	MDPE
OUTERSHEATH COLOUR	Black
RATED VOLTAGE	19/33kV
MINIMUM BENDING RADIUS	20 x Overall Diameter
STANDARDS	BS7870-4.10

SPECIFICATION DATA

Nominal Cross Sectional Area of Conductor (mm)	Weight (kg/km)	Max. DC Resistance at 20o C (ohm/km)	Max. AC resistance at 90o C (ohm/km)
70	1240	0.443	0.5682
95	1360	0.32	0.4106
120	1500	0.253	0.328
150	1615	0.206	0.2646
185	1770	0.164	0.2109
240	2010	0.125	0.1611
300	2350	0.1	0.132
400	2640	0.0778	0.1013
500	3000	0.0605	0.081
630	3540	0.0469	0.064

BATT Part No	Nominal cross sectional area of conductor (sqmm)	Nominal Insulation Thickness (mm)	Overall Diameter (mm)
56719	70	8	35.5
56751	95	8	37.2
56720	120	8	38
56721	150	8	40.2
56698	185	8	41.9
56722	240	8	44.4
56699	300	8	47.5
56723	400	8	50.1
56724	500	8	54
56725	630	8	58.3

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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