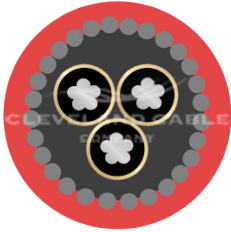


BS 6622 3 CORE ALUMINIUM PVC 11KV MAINS CABLE



APPLICATION

The 11KV 3 core Aluminium mains power cable is most suitable for power networks, underground, outdoors and in cable ducting.

Please note: the red outer sheath can be prone to fading when exposed to UV rays.

CABLE STANDARDS

BS6622

IEC 60502

Flame Propagation: BS EN 60332

CONSTRUCTION

Conductor: Plain stranded aluminium conductors

Insulation: Cross Linked Polyethylene (XLPE)

Tape: Semi-conducting tape insulated

Screen: Each core copper tape screened

Bedding: PVC bedding (extruded)

Armouring: Galvanised steel wire armour

Sheath: PVC outer sheath

CHARACTERISTICS

Voltage Rating: 6350/11000 Volts

Temperature Limits: -15°C to +90°C

Minimum Bending Radius:

As per cable manufacturer datasheet

CORE IDENTIFICATION

3 Core: ■ Brown ■ Black ■ Grey Tapes

Should not be installed at temperatures below 0°C or above +60°C

BS 6622 3 CORE ALUMINIUM PVC 11KV MAINS CABLE - DIMENSIONS

CCC CODE	CONDUCTOR SIZE (MM ²)	STRANDING (MM)	NO. OF CORES	WEIGHT (KG/KM)	APPROX OVERALL DIAMETER (MM)	NYLON CLEAT SIZE
10115RD	95	19/2.52	3	5800	62.6	TC10
10116RD	120	37/2.03	3	6400	66.6	TC11
10117RD	150	37/2.25	3	7000	68.6	TC11
10118RD	185	37/2.52	3	7800	74.1	TC12
10119RD	240	61/2.25	3	9800	81.2	TC14
10120RD	300	61/2.52	3	11000	86.8	TC15

BS 6622 3 CORE ALUMINIUM PVC 11KV – ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA (MM ²)	CONTINUOUS CURRENT RATING			MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C
	IN GROUND AMPS	IN DUCTS AMPS	IN AIR AMPS	PLAIN WIRES OHMS/KM
95	204	180	238	0.193
120	232	206	274	0.153
150	259	231	309	0.124
185	293	262	354	0.0991
240	338	304	415	0.0754
300	380	343	472	0.0601

THE ABOVE IS IN ACCORDANCE WITH 18TH EDITION OF IET WIRING REGULATIONS

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.