

# Power and Auxiliary Control Cables

## BS5467 0.6/1.0KV

### XLPE Insulation Screened SWB PVC Sheath



**C3429**

#### Applications

Power and auxiliary control cables for use in power networks, underground, outdoor applications and for use in cable ducting.

#### Design

Unit	Properties
Conductor	Class2 stranded Copper Wire
Insulation	Cross-Linked Polyethylene (XLPE) 1PR: Brown and Blue
Twinning	2 cores twisted as a pair
Screen	Al/PET Tape
Drain Wire	Tinned Copper Wire
Bedding	Flame Retardant PVC
Armour	Galvanized Steel Wire Braiding
Outer Sheath Material	Flame Retardant PVC Standard Colour: Black
Standard Put Up Length	305M or 500m

\*Other Colors, Put Up Lengths and structures can be manufactured upon request, please contact your local B3 International sales representative.

#### Electrical Characteristics at 20°C

Conductor Size(sqmm)	Min. No. of wires in conductor	Max. DCR (Ohm/km)	Voltage Rating (U <sub>0</sub> /U)	Temperature Rating (°C) Fixed
1.5	7	12.1	600/1000	-25 to +90

#### Constructional Information

P/N	Number of Pairs	Conductor Construction (sq mm)	Nom. Radial Thickness of Insulation (mm)	Nom. Diameter of Bedding (mm)	Nom. Diameter of Braiding Wire (mm)	Overall Diameter (mm)	Nom. Weight (kg/km)
C3429	1	1.5	0.6	7.2	0.20	10.4	302

#### Reference Standards

BS5467	BS EN/IEC 60502-1
BS EN 60228	RoHS directives
IEC60332-3-24	