

# 185 CU XLPE PVC 1kV BS7889 BLK

XLPE Insulated, PVC Sheathed Single Core Cable. BS 7889. 600/1000 V



Prysmian BS 7889 is an unarmoured industrial single core wiring cable with cross linked polyethylene insulation and PVC sheath.

#### **KEY APPLICATIONS**

Suitable for installation in areas with reduced risk of mechanical damage; on tray, in free air or clipped direct. Suitable also for conduit and wiring installations when mechanical protection is required.

## FEATURES AND BENEFITS

• Manufactured under ISO 9001 Quality management systems





BS 7889 BS EN 60332-1-2

#### CONSTRUCTION

Conductor material Conductor surface Core insulation material Material outer sheath Cable shape Construction Standard Flame Propagation - Single Cable

Copper Bare XLPE Polyvinyl chloride (PVC) Round



#### **APPLICATIONS PROPERTIES**

Nominal voltage U0 [V]	600
Nominal voltage U [V]	1,000
Flame retardant	In accordance with BS EN 60332-1-2
Max. conductor temperature [°C]	90
Min. Operation temperature [°C]	-15
UV resistant	Yes
Outdoor installation	Yes
Min. Installation temperature [°C]	0
Max. Installation temperature [°C]	80
Bending radius (rule)	6D

### COLOURS

Insulation: Brown or Blue Sheath: Black

## CURRENT RATINGS

Refer to table 4E1 of BS 7671 Requirements for Electrical Installations. IET Wiring Regulations Note: Where a conductor operates at a temperature exceeding 70°C it shall be ascertained that the equipment connected to the conductor is suitable for the conductor operating temperature.

#### **TECHNICAL DATA**

Nominal cross section conductor [mm<sup>2</sup>] Conductor category Nominal thickness insulation [mm] Nominal outer diameter [mm] Cable weight [kg/km] Conductor resistance at 20° C [Ohm/km] 185 Class 2 = stranded 1.6 23 1,900 0.0991

\*The embodied carbon figure is taken from a single product in the range, for more information on how we calculate our embodied carbon figure visit here: <a href="https://uk.prysmiangroup.com/embodied-carbon">https://uk.prysmiangroup.com/embodied-carbon</a>

PACKAGING				
SAP code	Standard packaging quantity	User unit	Packaging type	
20144538	0	MTR	Drum (non-standard length)	
20144517	0	MTR	Drum (non-standard length)	

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