

<b>Description</b>	<b>Unit</b>	<b>5 core x 70 mm<sup>2</sup></b>
<b>1. General</b>		Power cable
Rated voltage, U <sub>0</sub> /U (U <sub>m</sub> )	kV	0.6/1.0 (1.2)
Type of cable		CU/XLPE/SWA/PVC
Ref. standard		BS 5467
No. of core	no.	5
Nom. Cross sectional area	mm <sup>2</sup>	70
Max operating temperature	deg.c	90
<b>2. Construction</b>		
<b>2.1 Conductor</b>		
Material		Annealed plain Copper
Class (IEC 60228)		Class-2
Shape of Conductor		Round
No./Diameter of strands	nos/mm	19/2.24
<b>2.2 Insulation</b>		
Material		XLPE
Core colour/identification		Red, Yellow, Blue, Black & Y/Green
Thickness, Nom	mm	1.1
<b>2.3 Bedding</b>		
Material		PVC
Colour of bedding		Black
Thickness of bedding	mm	1.2
<b>2.4 Armouring</b>		
Material		Galvanized steel wire
Armour wire diameter	mm	2.00
<b>2.5 Outer sheath</b>		
Material		PVC
Colour of sheath		Black
Thickness of Sheath, Nom	mm	2.2
Overall approx diameter of cable	mm	43.5
Weight of cable, approx	kg/km	5170
<b>3. Electrical parameters</b>		
DC Resistance of conductor at 20°C, max	Ω/km	0.268
AC Resistance of conductor at 90°C	Ω/km	0.342
Short circuit current rating for 1 second	KA	10.0
<b>4. Packing</b>		
Standard packing		Wooden drum
Standard drum length & tolerance	m	500±5%
<b>Note: All values are nominal unless otherwise specified.</b>		

