

Description	Unit	2 core x 35 mm²
1. General		Power cable
Rated voltage, U ₀ /U (U _m)	kV	0.6/1.0 (1.2)
Type of cable		CU/XLPE/SWA/PVC
Ref. standard		BS 5467
No. of core	no.	2
Nom. Cross sectional area	mm ²	35
Max operating temperature	deg.c	90
2. Construction		
2.1 Conductor		
Material		Annealed plain Copper
Class (IEC 60228)		Class-2
Shape of Conductor		Shaped
No./Diameter of strands	nos/mm	7/2.65
2.2 Insulation		
Material		XLPE
Core colour/identification		Red & Black
Thickness, Nom	mm	0.9
2.3 Bedding		
Material		PVC
Colour of bedding		Black
Thickness of bedding	mm	1.0
2.4 Armouring		
Material		Galvanized steel wire
Armour wire diameter	mm	1.60
2.5 Outer sheath		
Material		PVC
Colour of sheath		Black
Thickness of Sheath, Nom	mm	1.7
Overall approx diameter of cable	mm	22.5
Weight of cable, approx	kg/km	1395
3. Electrical parameters		
DC Resistance of conductor at 20°C, max	Ω/km	0.524
AC Resistance of conductor at 90°C	Ω/km	0.668
Short circuit current rating for 1 second	KA	5.01
4. Packing		
Standard packing		Wooden drum
Standard drum length & tolerance	m	1000±5%
Note: All values are nominal unless otherwise specified.		

