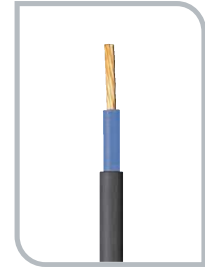


Single Core Cable: XLPE Insulated, PVC Sheathed (Unarmoured)



▶ APPLICATION

These cables are intended for surface wiring where there is little risk of mechanical damage and for laying into trunking or conduit etc., are suitable for use in electrical installations such as power and lighting.



▶ CONSTRUCTION

Reference : IEC:60502-1
Conductor : Stranded plain copper conductor class 2 to BS6360/IEC60228
Insulation : XLPE
Sheath : PVC Sheathed

▶ STANDARD COLOURS

Cores : Brown or Blue
Sheath : Black. Other colours available on request

▶ PACKAGING

All sizes can be supplied in non-returnable wooden drums of 500m/1000m

▶ TECHNICAL DATA

Max. Operating Temperature : 90°C
Rated Voltage : 600/1000V
Standards : BS7889, IEC60502-1

Nominal Cross-Section Area (mm ²)	Copper Conductor			Radial Thickness of Insulation (mm)	Radial Thickness of Sheath (mm)	Approx. Overall Diameter (mm)	Approx. Nett Weight (kg/km)	Approx. Current Carrying Capacity (A)	Product Code
	Number of Strands	Diameter of Strand (mm)	Max. Resistance at 20°C (Ω/km)						
50.0	19	1.83	0.387	1.00	1.40	14.00	541	134	SCSX50.0
70.0	19	2.17	0.268	1.10	1.40	15.85	749	171	SCSX70.0
95.0	19	2.52	0.193	1.10	1.50	17.80	1000	207	SCSX95.0
120.0	37	2.04	0.153	1.20	1.50	19.80	1241	239	SCSX120.0
150.0	37	2.27	0.124	1.40	1.60	22.00	1523	262	SCSX150.0
185.0	37	2.52	0.0991	1.60	1.60	24.70	1942	296	SCSX185.0
240.0	37	2.87	0.0754	1.70	1.70	27.70	2514	346	SCSX240.0
300.0	61	2.50	0.0601	1.80	1.80	30.60	3125	394	SCSX300.0
400.0	61	2.89	0.0470	2.00	1.90	34.20	3967	467	SCSX400.0
500.0	91	2.64	0.0366	2.20	2.00	38.00	5063	533	SCSX500.0
630.0	91	2.97	0.0283	2.40	2.20	42.90	6491	611	SCSX630.0