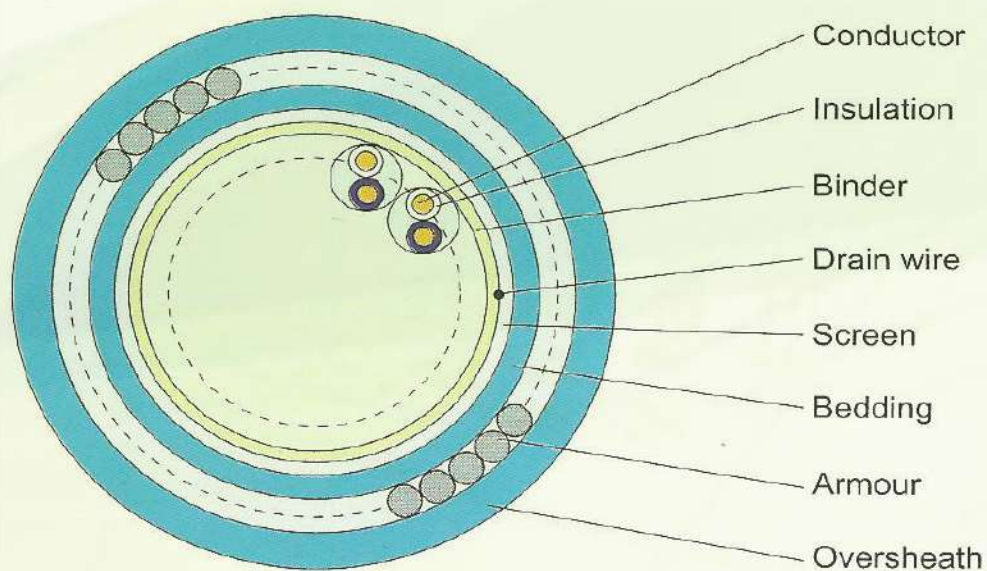


Multi-Pair XLPE Insulated PVC Fire Retardant Sheathed,
Steel Wire Armoured Power Cable – 1 pair 1.5mm²

CROSS-SECTION OF INSTRUMENT CABLE



Multi-Pair XLPE Insulated PVC Fire Retardant Sheathed,
Steel Wire Armoured Power Cable – 1 pair 1.5mm²

TECHNICAL SPECIFICATIONS			
No	DESCRIPTION	UNIT	SPECIFICATION
1	Specification Reference		BS EN 50288-7, IEC 332-3 & Customer Spec
2	Rated Voltage	V	300/500V
3	Conductor - Material - Number of wire - Nominal Area - Wire Size - Conductor Shape	mm ² mm	Plain Annealed Copper Wire (Class 2) 7 1.5 0.53 Circular Non Compacted Stranded
4	Insulation - Material - Nominal Thickness - Minimum Thickness - Diameter over insulation, approx. - Colour	mm mm mm	XLPE 0.6 0.44 2.8 White, Black
5	Filler (If necessary)		PP Yarn
6	Binder Nominal Thickness	mm	Non hygroscopic Tape 0.05
7	Drain Wire Material		Tinned Copper, 0.5MM ² (7/0.30mm)
8	Screen Nominal Thickness	mm	Aluminium / Polyester Tape 0.02
9	Bedding - Material / Colour - Nominal Thickness - Min. Thickness - Diameter, approx.	mm mm mm	Extruded PVC / Black 1.00 0.67 8.07
10	Armouring - Material - Size - Total Wire	mm	Galvanized Steel Wire 0.9 31
11	High Voltage Test	kV / 1 Min	2
12	Max. Conductor resistance at 20°C	Ω/km	12.30
13	Min. Insulation resistance at 20°C	MΩ.km	1000