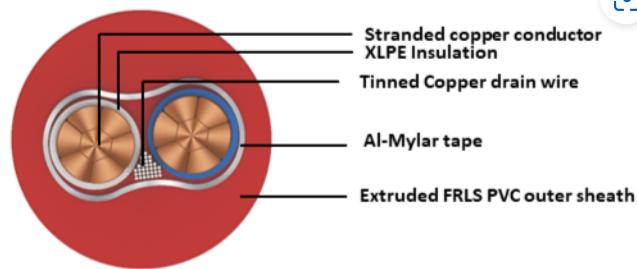
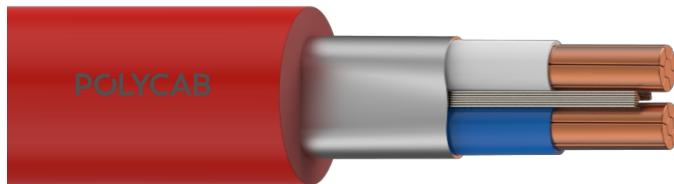


POLY CAB FIRE ALARM SIGNAL UNARMOURED CABLE

POLY CAB
IDEAS. CONNECTED.

500V FIRE PROTECTION FIRE ALARM SHIELDED UNARMOURED CABLE



Images not to scale. Follow table for dimensions

APPLICATION

POLY CAB Fire alarm signal cable stranded copper conductor, XLPE insulated, cores twisted, shielded & FRLS PVC sheathed cable is designed to use for conveying signal from fire/smoke sensor to the firefighting equipment panels in hospital, schools commercial complex & industries for security systems.

CHARACTERISTICS

Voltage Rating

500 V

Operation Temperature

Max.: XLPE 90°C

CONSTRUCTION

- Stranded Class 2 Copper conductor as per EN 60228
- Insulated with XLPE as per EN 50288-7
- Collective screen Al/PET (Aluminium/Polyester tape) with drain wire of tinned Cu
- Sheathed with Extruded FRLS PVC

Core Identification

White & Blue

Outer sheath colour:

Red
12 x Overall diameter

OUTSTANDING FEATURES

- Flame Retardant
- Low Smoke
- Low Halogen

STANDARD FOLLOWS

EN 50288-7
EN 50288-1
EN 60228
EN 60332-1-2

COMPLIANCE

Conductor resistance - EN 60228
Insulation resistance - EN 50288-7
L/R Ratio - EN 50288-7
Mutual capacitance - EN 50288-7

OUR ACCREDITATIONS



APPROVAL



NOTES

Black with red strip colour also available on request.

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Weight, Dimension & Electrical Data

No.of core	Conductor cross sectional area (sqmm)	Outer diameter(mm)	Weight (Approx.) Kg/km
2	1.5	7.01	70
2	2.5	8.35	99

The above data is approximate & subject to manufacturing tolerance.

Electrical parameter

Area of Conductor Sqmm	Max. DC resistance of conductor at 20°C Plain wires Ohm/km	Insulation resistance (XLPE) MΩ/Km	Mutual capacitance (XLPE) nf/Km	Inductance to resistance ratio(L/R) μH/Ω
1.5	12.1	1000	< 250	< 40
2.5	7.41	1000	< 250	< 60