



APPROVED BY



Fire Resistance Cable

EN 50200

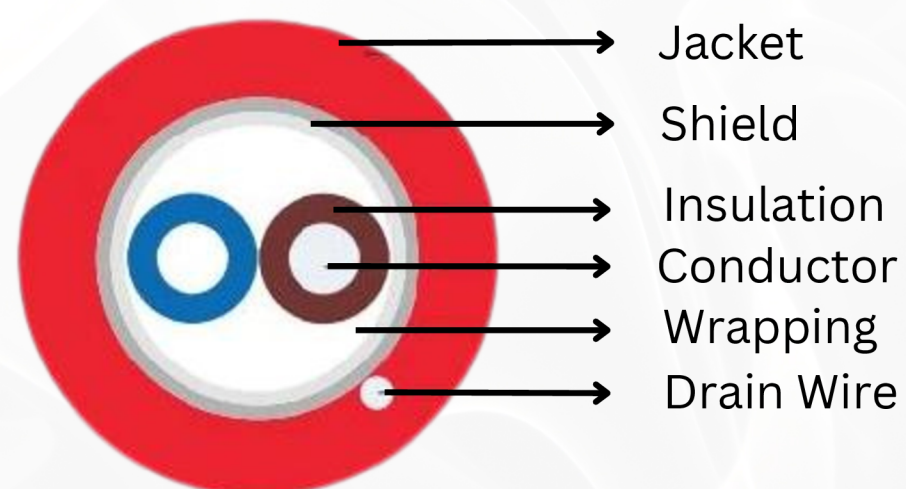
Low Smoke Zero Halogen Compound, 120min Fire rated (PH120)

Sold / Stranded



Model :

300/500 V, Fire Resistant Cables, 2 Core 1.5mm² to 2 Core 2.5mm², CU/Silicone/Fiber Glass Tape / CU Drain wire / AL Foil Screened / Polyolefin Sheathed with Class 1 Conductor.



Types : 1 x 2 x 1.5mm²
1 x 2 x 2.5mm²

Features	Values	Rules
Conductors	annealed red copper cl. 1	CEI EN 60228 (Table 9)
Insulation	ceramifiable silicone rubber	
Cores colour	(blue-red) - (yellow-grey) - (green-brown) - (white-black)	DIN VDE 815
Flame protection	glass-fibre tape thickness 0,12 mm	
Drain wire	annealed tinned copper	
Screen	Al/Pet tape thickness 9/23 µm covering > 110%	
Sheath	LSZH compound M1 quality	CEI EN 50363
Sheath colour	red RAL 3000	
Fire retardant		CEI EN 60332-3-24
Flame retardant		CEI EN 60332-1-2
Halogen free	(< 0,5 mg/g - 0,5%)	CEI EN 50267-2-1/2 - IEC 60754-1/2
Low smoke emission	(Transmittance > 60%)	CEI EN 61034-2
Fire resistant	duration 120 min. at temperature of 830 °C. (- 0 ÷ + 40 °C)	CEI EN 50200
Fire resistant	(E30/E60)	DIN VDE 4102-12
Fire resistant	duration 180 min. at temperature of 750 °C FE180	IEC 60331-21 - VDE 472-814
DC resistance	according to	CEI EN 60228 (Table 9)
Rated voltage Uo/U	300/500 V	
Max voltage	550 V	
Testing voltage	2 kV	
Max working temperature	90 °C	
Max conductor temperature	180 °C	
Short circuit temperature	350 °C	
Min. installation temperature	0 °C	
Bending radius	Ø x 10	