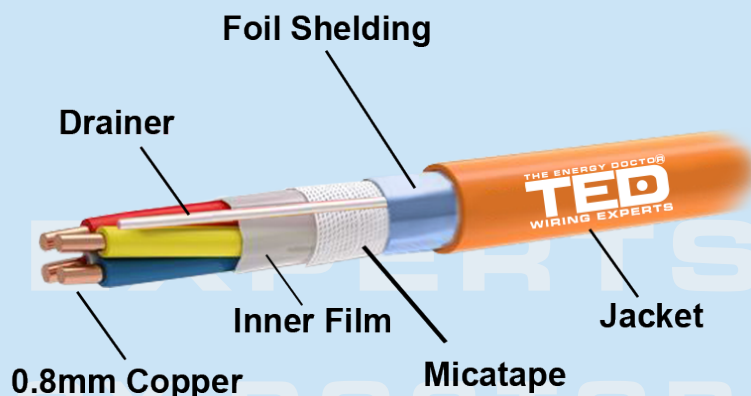


TED Fire Cable JE-H(ST)H E90 FE180 PH120 2x2x0.8

JE-H (ST) H E90 FE180 PH120 fire resistant halogen-free installation cables meet enhanced fire protection requirements concerning protection of people and high value property. Do not emit any toxic or corrosive gasses in the air vent of fire and resist the spread of fire. Use it especially for installation in fire alarm systems. Thanks to electrostatic screen and tin-plated drain wire, external electrical interferences of high frequency and electromagnetic field are minimized. Micatape it is a natural mineral material (Aluminium silicate) with resistant properties on higher temperatures over 1000°C

For outdoor use this cable should be installed under plaster only. Use it for signal transmission in industrial applications, such as industrial complexes, public buildings, hotels, airports, underground rail networks, hostpitals.



Construction	
Conductor / Number of Pairs	0.8mm Plain Copper / 2
Stranding	Solid
Insulation	PVC LSZH (Flame retardant silicone)
Shield	Aluminium
Micatape	Natural Mineral (Aluminium silicate, Potassium)
Polyester Foil	Polyester
Drain	0.5 mm Tinned copper
Diameter Over insulation / Jacket Color	6mm / Orange
Mechanical Characteristics	
Sheath Tensile Strength	12 MPa
Minimum Bending Radius	60 mm
Normal Weight	56 kg/km - 5,6 kg
Operating Temperature	-20°C +70°C
Installation Temperature	-5°C +40°C
Product Length	500 m
Fire Resitive	E90 FE180 PH120
Fire Rating	EN 61034-2 ,EN 60332-1-2 ,EN 60332-3-24, EN 50200
Electrical Performance	
Insulation Resistance	100MΩ
Loop Resistance at 20°C	maxim 75 Ω / km
Mutual Capacitance (at 800 Hz)	maxim 95 nF / km
Capacitance Unbalance (at 800 Hz)	maxim 290 pF / 100 m
Linear Attenuation (at 800 Hz)	approximative 1.2 dB / km
Permitted Current Load	4.8 A
Characteristic Impedance (Ohms)	75
Screw (ns/100m)	60
Operating Voltage	maxim 280 V