

# TED Copper Fire Cable 1x2x0.8

JY(st)Y-mb orange is designed for fire alarm, measurement, regulation and control applications in low-voltage installations. The metallised foil protects against interference with external electrical fields.



Construction	
Conductor / Number of Pairs	0.8mm Plain Copper / 1
Stranding	Solid
Insulation	PVC
Shield	Aluminium
Drain	0.5 CCA (Copper Clad Aluminium)
Diameter Over Insulation / Jacket Color	6 mm / Orange
Mechanical Characteristics	
Sheath Tensile Strength	12 MPa
Minimum Bending Radius	60 mm
Normal Weight	38 kg/km
Operating Temperature	-20°C +70°C
Installation Temperature	-5°C +40°C
Product Length	100 m / 500 m
Fire Resistive	Yes
Fire Rating	EN 60332-1
Electrical Performance	
Insulation Resistance	100 MΩ
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