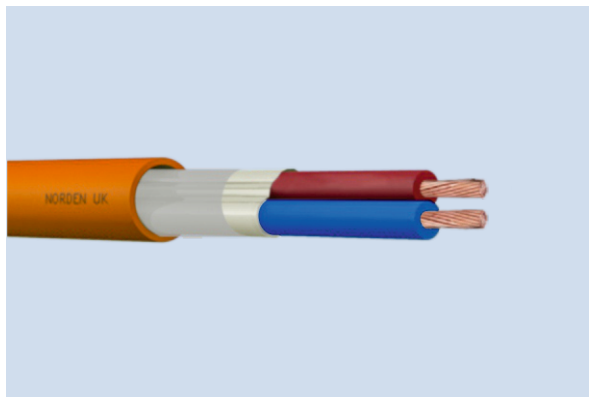


STRANDED CONDUCTOR SHIELDED FIRE-RESISTANT CABLE



NORDEN FireNor Stranded conductor shielded fire resistant cables are manufactured within the specific requirement of fire resistant cable standards. The fire resistant cable assures reliable circuit integrity to keep emergency evacuation systems operational even whilst the cable is burning. FireNor fire resistant cables can be used for fire alarm systems, power supply or control of equipment that needs to function during a fire such as warning, emergency lighting, evacuation and monitor systems. The place of usage is intelligent or semi-intelligent buildings where dense human population or valuable goods are found. These can be hospitals, cinemas, theatres, schools, shopping centers, airports, factories, hotels etc. FireNor products have low smoke density, are halogen free and they don't emit poisonous gases.



CABLE CONSTRUCTION

Conductor Stranded Bare copper (Class 2)	Fire Barrier Fibre Glass Tape	Insulation Colour 2 Core: Brown /Blue	Sheath LSZH
Insulation Fire resistant silicon rubber	Screen AL-Foil	Drain Wire Tinned Copper	

STANDARD COMPLIANCE:

IEC 60332-3A
 IEC 60331, BS 5308, BS 6387-CZ
 IEC 60754-1, IEC 61034-1

ELECTRICAL & MECHANICAL CHARACTERISTICS

Properties	Value	
	1.5 mm ²	2.5 mm ²
Max. Conductor Resistant @ 20°C	12.1Ω/km	7.41Ω/km
Insulation Thickness	0.6 mm	
Drain Wire	1/0.8TC	
Jacket Thickness	0.9mm	
Test Voltage	2000 V	
Temperature Rating (Fixed)	-10°C to + 90°C	
Temperature Rating (Flexing)	-10°C to + 90°C	
Min. Bend Radius (Fixed)	10 x D	
Min. Bend Radius (Flexing)	15 x D	

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PHYSICAL INFORMATION

Nom. Cond. Cross-Sect. mm ²	Cable Diameter (±5 %)mm	Cable Weight Kg/500M
2 x 1.5	7.6 ± 0.3	40.23
2 x 2.5	8.8 ± 0.3	56.12

ORDERING INFORMATION

Part Number	Description
6E-1502XY	2 Core 1.5 Sq.mm Stranded Conductor shielded Fire-resistant cable
6E-2502XY	2 Core 2.5 Sq.mm Stranded Conductor shielded Fire-resistant cable

X → OR:Orange, RD : Red

Y (Packing length) → 1:100mtr, 2: 500mtr