



Ensures that the cable can still transmit data during and after a fire (according to EN50200); High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference

- isolation integrity for at least 60 minutes in the event of fire



Product description

Application range

- In industrial areas that use fire as a tool
- Highly combustible or fire-prone areas
- for fixed installation
- For indoor use

Benefits

- Ensures that the cable can still transmit data during and after a fire (according to EN50200)
- High-quality, double screening ensures high transmission reliability in areas with electromagnetic interference

Product Make-up

- Solid, bare, single-wire copper conductor
- Core insulation: Based on Polyolefin
- each insulation will be wrapped with a special tape (anti-fire barrier)
- Twisting: 2 twisted-pair cores, stranding from 4 pairs
- F/UTP: foil screening as overall screening
- Halogen-free and flame-retardant FRNC outer sheath, colour: red (similar to RAL3000)

Product features

- Fire behaviour:
 - Halogen-free (IEC 60754-1 & EN50267-2-1)
 - Flame-retardant (IEC 60332-1)
 - Fire retardant (IEC 60332-3-24)
 - Low smoke density (IEC 61034-2)
 - Circuit integrity (EN50200); 60 min
- Meets the requirements according to CAT.5e, ISO/IEC 11801 and EN 50173, Class D

Technical Data

Peak operating voltage
Minimum bending radius
Temperature range
Characteristic impedance

(not for power applications) 125 V
Fixed installation: 15 x cable diameter
Operation: -20 °C to +70 °C
100 Ohm +- 15%