



General

The WFA10210 is a single pair, twisted cable with screen and special silicon rubber mix insulation. It is halogen free, and features a fire resistance rating of PH30 according to EN50200. It is ideal for use in fire detection systems where circuit integrity is important. The WFA10210 is sold in 200m lengths.

Standard References

The WFA10210 is PH30 rated according to EN 50200.

It is also 90 min. @ 750 deg. C rated according to IEC 60331-21 : 1999.

Additionally it complies with:

- UNI 9795
- BS EN 50267-2-1 : 1999
- BS EN 61034-2 : 2005
- IEC 60332-2
- BS7629-1 : 2008

Construction

The WFA10210 feature stranded copper wire conductors to BS 6360. These conductors have color coded insulation following BS 7629-1, with respectively brown and blue insulation.

The collective screen consist of aluminum/polyester tape, metallic side down, in contact with a solid bare copper Class 1 drain wire.

Standard Features

- Stranded copper wire conductors to BS6360
- Special silicon rubber mix insulation
- Halogen free sheath
- EN50200 - PH30

Specifications

Conductor	
Section	1.0 mm sq.
Resistance	18.1 ohm/km +/- 5%
Capacitance	< 250pF/m
Nominal Outer Diameter	7.1 mm
Operating Temperature	-20 °C to +90 °C
Installation Temperature	-15 °C to +90 °C
Test Voltage	5000 VDC
Minimum Insulation Resistance	200 Mohm/km
Maximum Working Voltage	1000 V
Inner Conductor colors	Brown and Blue
Outer color	Red
Twist Frequency	7 to 8 twists per m

Ordering Information

Part No.	Description
WFA10205	Fire Retardant cable 2 x 0,5mm sq. - PH30 - 200m reel
WFA10210	Fire Retardant cable 2 x 1,0mm sq. - PH30 - 200m reel
WFA10215	Fire Retardant cable 2 x 1,5mm sq. - PH30 - 200m reel

