



# WFA20210

## Fire Retardant Cable 2 X 1mm.sq. - PH120 - 0,6/1kV (200m Reel)

### General

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The WFA20210 is a single pair, twisted cable with screen and special silicon rubber mix insulation.

It is ideal for use in fire detection systems where circuit integrity is important. Additionally this version is with higher voltage rating, thicker insulation and outer sheath

The WFA20210 is sold in 200m lengths.

### Construction

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It features stranded copper wire conductors and the collective screen consist of aluminum/polyester tape, metallic side down and in contact with a stranded bare copper drain wire.

### Standard References

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The WFA20210 is PH120 rated according to EN 50200:2015.

Additionally complies with:

BS EN 60754-1:2014,

BS EN 60754-2:2014,

BS EN 60228:2005,

BS EN 5063-1:2005,

IEC 60331-21,

IEC 60332-3.



### Details

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- Stranded copper wire conductors
- Special silicon rubber mix insulation
- Halogen free sheath
- EN 50200:2015 certified - Class PH120 rating

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### Technical specifications

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#### Conductor

Cross section	1.0mm <sup>2</sup>
Resistance	18.5 ohm/km at +20°C
Capacitance	150 nF/km at 20°C
Inductance	1 mH/km

#### General

Minimum insulation resistance	200 Mohm/km
Maximum operating voltage	1000 V
Test voltage	2000 V

#### Physical

Outer diameter	8.4 mm
Net weight	91 kg/km
Colour	Red
No. of conductors	2 cores
Colour of conductors	Brown and Blue
Minimum bending radius	10 x Overall diameter

#### Environmental

Operating temperature	-30 to +180°C
Fire Retardant rating	120 min
Installation Temperature	-5 to +50°C

#### Standards & regulation

Standards	EN 50200:2015 (Class PH 120)
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