



# WFA00210L

## Fire Retardant Cable 2 X 1mm.sq. - PH30 - 100/100V (500m Reel)

### General

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The WFA00210L 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.

The WFA00210L is sold in 500m 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 solid bare copper drain wire.

### Standard References

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The WFA00210L is PH30 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 PH30 rating

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### Technical specifications

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#### Conductor

Cross section	1.0mm <sup>2</sup>
Resistance	19.9 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	100 V
Test voltage	2000 V

#### Physical

Outer diameter	6.6 mm
Net weight	55 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	30 min
Installation Temperature	-5 to +50°C

#### Standards & regulation

Standards	EN 50200:2015 (Class PH 30)
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As a company of innovation, UTC Fire & Security reserves the right to change product specifications without notice. For the latest product specifications, visit UTC Fire & Security online or contact your sales representative.

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