

## General

---

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

---

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

---

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.

## Standard Features

---

- Stranded copper wire conductors
- Special silicon rubber mix insulation
- Halogen free sheath
- EN 50200:2015 certified - Class PH30 rating

## Specifications

<b>Conductor</b>	
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
<b>General</b>	
Minimum insulation resistance	200 Mohm/km
Maximum operating voltage	100 V
Test voltage	2000 V
<b>Physical</b>	
Colour	Red
Net weight	55 kg/km
Outer diameter	6.6 mm
No. of conductors	2 cores
Colour of conductors	Brown and Blue
Minimum bending radius	10 x Overall diameter
<b>Environmental</b>	
Operating temperature	-30 to +180°C
Installation Temperature	-5 to +50°C
<b>Standards &amp; Regulation</b>	
Standards	EN 50200:2015 (Class PH 30)
Fire Retardant rating	30 min

## Ordering Information

Part No.	Description
WFA00210L	Fire Retardant Cable 2 X 1mm.sq. - PH30 - 100/100V (500m Reel)
WFA00210	Fire Retardant Cable 2 X 1mm.sq. - PH30 - 100/100V (200m Reel)
WFA00215	Fire Retardant Cable 2 X 1,5mm.sq. - PH30 - 100/100V (200m Reel)
WFA20210	Fire Retardant Cable 2 X 1mm.sq. - PH120 - 0,6/1kV (200m Reel)
WFA20215	Fire Retardant Cable 2 X 1,5mm.sq. - PH120 - 0,6/1kV (200m Reel)