



## PYROLINK R

Fire Alarm, Fire Resistant Cables CWZ PH120 FE180

Image representative of cable family. Actual cable may vary.

### BS 6387 Category CWZ

Cat. C: 950C fire for 180 min at least

Cat. W: 650C fire + water spray (15 min + 15 min at least)

Cat. Z: 950C fire + mechanical shock for 15 min at least

EN 50200 PH120: 842C fire + mechanical shock for 120 min at least

EN 50200 Annex E 30 min: 842C fire + mechanical shock + water spray (for last 15 min)

IEC 60331-21 FE180: circuit integrity at 750C fire for 180 min at least

UV resistant

Tinned copper Drain wire 0.50mm<sup>2</sup>

### STANDARDS AND CERTIFICATES

Standards

CEN/TC 54  
BS 6387  
EN 50200 + Annex E  
IEC 60331-21  
complies

ROHS II

### CONSTRUCTION

Conductors

Pure copper solid class 1 or stranded class 2

Insulation

Fire resistant silicon rubber

Laying up

Cores stranded

Core Identification

2 cores: blue + brown

3 cores: brown + black + grey

4 cores: blue + brown + black + grey

Screen

aluminum tape + tinned copper drain wire class 1, cross-section 0.50mm<sup>2</sup>

Outer Sheath

Fire resistant special compound HFFR, UV resistant, red or white

### FIRE PERFORMANCE

EN 50200  
EN 50200, Annex E  
BS 6387  
IEC 60331-21

PH 120min  
30min  
Category CWZ  
FE 180min

APPLICATIONS

SAFETY & SECURITY

## PYROLINK R

### ELECTRICAL CHARACTERISTICS

Operation Voltage	<b>300/500 V</b>
DC Resistance	<b>1,00mm<sup>2</sup> &lt;18,10 Ohm/km</b>
	<b>1,50mm<sup>2</sup> &lt;12,10 Ohm/km</b>
	<b>2,50mm<sup>2</sup> &lt;7,41 Ohm/km</b>

### MECHANICAL CHARACTERISTICS

Minimum bending radius	<b>6 x <math>\Phi</math> outer sheath</b>
Operation Temperature	<b>-20 C up to +70 C</b>

### OUTER DIMENSIONS

No Cores X Cross-section (mm <sup>2</sup> )	Nominal Outer Sheath (mm)	Appr. Cable weight (kg/km)
<b>2x1,00</b>	<b>6,90</b>	<b>60</b>
<b>2x1,50</b>	<b>7,90</b>	<b>85</b>
<b>3x1,50</b>	<b>8,60</b>	<b>110</b>
<b>4x1,50</b>	<b>9,70</b>	<b>140</b>
<b>2x2,50</b>	<b>9,40</b>	<b>110</b>
<b>3x2,50</b>	<b>10,30</b>	<b>150</b>
<b>4x2,50</b>	<b>11,50</b>	<b>190</b>