



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

Tinned copper Drain wire 0.50mm²

STANDARDS AND CERTIFICATES

Standards

CEN/TC 54

BS 6387

EN 50200 + Annex E

IEC 60331-21

ROHS II

complies

CONSTRUCTION

Conductors

Pure solid copper class 1

Insulation

Fire resistant silicon rubber type EI2

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 0.50mm²

Outer Sheath

Fire resistant special compound HFFR type LTS3, red or white

ELECTRICAL CHARACTERISTICS

Operation Voltage

300/500 V

DC Resistance

1,00mm² <18,10 Ohm/km

1,50mm² <12,10 Ohm/km

2,50mm² <7,41 Ohm/km

MECHANICAL CHARACTERISTICS

Minimum bending radius

6 x Φ outer sheath

Operation Temperature

-20 C up to +70 C


APPLICATIONS

SAFETY & SECURITY

PYROLINK R

OUTER DIMENSIONS

No Cores X Cross-section (mm ²)	Insulation thick. (mm)	Sheath thick. (mm)	Nominal Outer Sheath (mm)	Appr. Cable weight (kg/km)
2x1,00	0,60	0,90	6,90	60
2x1,50	0,70	0,90	7,90	75
3x1,50	0,70	0,90	8,60	100
4x1,50	0,70	1,00	9,70	130
2x2,50	0,80	1,00	9,40	110
3x2,50	0,80	1,00	10,30	150
4x2,50	0,80	1,10	11,50	190

 Cable is not intended for direct connection to the mains electricity supply.



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