



PYROLINK R Unshielded

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

Stranded cores for improved EMC (compared to simple parallel cores)

STANDARDS AND CERTIFICATES

Standards

CEN/TS 54
EN 50200 + Annex E
BS 6387
IEC 60331-21
EN 60228
complies

ROHS II

CONSTRUCTION

Conductors

Pure solid 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

Outer Sheath

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

FIRE PERFORMANCE

EN 50200

PH 120min

EN 50200, Annex E

30min

BS 6387

Category CWZ

IEC 60331-21

FE 180min

APPLICATIONS

SAFETY & SECURITY

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ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Test Voltage, core-sheath	2 KV AC 1 min
DC Resistance	1,00mm² <19,50 Ohm/km
	1,50mm² <13,30 Ohm/km
	2,50mm² <7,98 Ohm/km

MECHANICAL CHARACTERISTICS

Minimum bending radius	6 x Φ outer sheath
Operation Temperature	-20 C up to +70 C
Standard packaging	3x100m, 1x500m

OUTER DIMENSIONS

No Cores X Cross-section (mm ²)	Approx. Outer Sheath (mm)
2x1,00	6,40
2x1,50	7,40
3x1,50	7,80
4x1,50	8,80
2x2,50	8,80
3x2,50	9,40
4x2,50	10,40