



PYROLINK JE-H(St)H

Fire Alarm, Fire Resistant Cables 1 or 2 pairs, PH120 FE180

Image representative of cable family. Actual cable may vary.

FE180: circuit integrity at 750°C flame for 180 min at least

PH120: circuit integrity at 842°C flame + mechanical shock for 120 min at least

30 min: circuit integrity at 842°C flame + mechanical shock + water spray (for last 15 min at least) for 30 min at least

Halogen Free

Based on VDE0815

STANDARDS AND CERTIFICATES

Standards

EN 50200 + Annex E
IEC 60331-21
EN 50575
Based on VDE0815

CPR Class
DOP
ROHS II

Eca
1002745
complies

CONSTRUCTION

Conductors
Insulation

Solid bare copper
Halogen Free Fire Resistance special compound

Laying up

1 pair: cores stranded
2 pairs: cores stranded as quad

Core Identification

1 pair: Blue, Red
2 pairs: Blue, Red, Grey, Yellow
based on VDE0815

Screen
Outer Sheath

aluminum tape + tinned copper drain
Halogen Free Fire Resistance special compound, orange or red

FIRE PERFORMANCE

EN 50200
EN 50200, Annex E
IEC 60331-21

PH 120min
30min
FE 180min

APPLICATIONS

SAFETY & SECURITY

PYROLINK F

ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Insulation Resistance	>200 Mohm.km
Test Voltage, core-sheath	2 KV AC 1 min
Capacitance, core-core	<120 nF/km
Loop Resistance DC	0,80mm <73,2 Ohm/km 1,00mm <44,6 Ohm/km 1,50mm2 <24,2 Ohm/km

MECHANICAL CHARACTERISTICS

Minimum bending radius	10 x Φ outer sheath
Operation Temperature	-20 C up to +70 C
Standard packaging	3x100m, 1x500m

OUTER DIMENSIONS

No of Pairs x Φ of Conductor	Approx. Outer Sheath (mm)
1x2x0,80mm	6,2
2x2x0,80mm	7,3
1x2x1,00mm	6,6
2x2x1,00mm	7,8
1x2x1,50mm2	7,5
2x2x1,50mm2	8,9