



PYROLINK F HS B2ca HyperShield®

Fire Alarm, Fire Resistant Cables PH120 FE180 with increased double shielding

Image representative of cable family. Actual cable may vary.

CPR Class B2ca s1,d1,a1

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

HyperShield® technology

Based on CEI 20-105

STANDARDS AND CERTIFICATES

Standards	CEN/TS 54 EN 50200 + Annex E IEC 60331-21 EN 60228 EN 50575 Based on CEI 20-105
CPR Class	B2ca s1,d1,a1
DOP	1002739
ROHS II	complies

CONSTRUCTION

Conductors	Flexible copper class 5
Insulation	Halogen Free Fire Resistance special compound
Laying up	Cores stranded
Core Identification	Different colors without repetition
Screen	aluminum tape + tinned copper braid
Outer Sheath	Halogen Free Fire Resistance special compound, red

ELECTRICAL CHARACTERISTICS

Operation Voltage	300/500 V
Test Voltage, core-sheath	2 KV AC 1 min
DC Resistance	1,00mm ² <19,50 Ohm/km 1,50mm ² <13,30 Ohm/km 2,50mm ² <7,98 Ohm/km
Capacitance, core-core	1,00mm ² <120 nF/km 1,50mm ² <140 nF/km 2,50mm ² <170 nF/km

MECHANICAL CHARACTERISTICS

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


APPLICATIONS

SAFETY & SECURITY

PYROLINK F HS B2ca

OUTER DIMENSIONS

No Cores X Cross-section (mm2)	Approx. Outer Sheath (mm)
2x1,00	7,40
4x1,00	8,40
2x1,50	8,00
4x1,50	9,30
2x2,50	9,40
4x2,50	11,00

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



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