



## PYROLINK F HS HyperShield®

Fire Alarm, Fire Resistance Cables PH120 FE180 with increased shielding

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**

**HyperShield® technology**

**Based on CEI 20-105**

### STANDARDS AND CERTIFICATES

Standards	CEN/TC 54 EN 50200 + Annex E IEC 60331-21 EN 60228 EN 50575 Based on CEI 20-105
CPR Class	Dca s2,d2,a1
DOP	1002710
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
	1,00mm <sup>2</sup> <19,50 Ohm/km
	1,50mm <sup>2</sup> <13,30 Ohm/km
	2,50mm <sup>2</sup> <7,98 Ohm/km
Capacitance, core-core	1,00mm <sup>2</sup> <120 nF/km
	1,50mm <sup>2</sup> <140 nF/km
	2,50mm <sup>2</sup> <170 nF/km

### MECHANICAL CHARACTERISTICS

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


APPLICATIONS

SAFETY & SECURITY

**PYROLINK F HS**

**OUTER DIMENSIONS**

No Cores X Cross-section (mm <sup>2</sup> )	Approx. Outer Sheath (mm)
<b>2x1,00</b>	<b>8,00</b>
<b>4x1,00</b>	<b>9,00</b>
<b>2x1,50</b>	<b>8,60</b>
<b>4x1,50</b>	<b>9,70</b>
<b>2x2,50</b>	<b>9,80</b>
<b>4x2,50</b>	<b>11,20</b>

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



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