ACCORDIA
CABLES BEYOND STANDARD

T E C H N I C A L D A T A S H E E T

PYROLINK F HS

Fire Alarm, Fire Resistant Cables 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 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**
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**
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	**1,00mm2 <19,50 Ohm/km** **1,50mm2 <13,30 Ohm/km** **2,50mm2 <7,98 Ohm/km**
Capacitance, core-core	**1,00mm2 <120 nF/km** **1,50mm2 <140 nF/km** **2,50mm2 <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

OUTER DIMENSIONS

No Cores X Cross-section (mm2)	Approx. Outer Sheath (mm)
2x1,00	**7,50**
4x1,00	**8,50**
2x1,50	**8,10**
4x1,50	**9,30**
2x2,50	**9,30**
4x2,50	**10,70**

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

ACCORDIA
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