

**ETHERLINE® FIRE CAT.5e PH 120**

Halogen-free industrial Ethernet cable for harsh flame conditions

LAPP KABEL STUTTGART ETHERLINE® FIRE CAT.5e PH 120



ETHERLINE® FIRE for stationary applications is suitable for CAT.5e data transmission. The halogen-free and flame-retardant (FRNC) jacket allows for this cable to perform in harsh fire conditions for at least 120 minutes.

**Recommended applications**

Industrial areas that use fire as a tool; highly combustible and/or fire-prone areas

**Approvals****Construction**

Conductors: solid bare copper

Pairs: 4 pairs twisted together

Insulation: polyolefin; special fire-retardant tape

Shielding: foil tape

Jacket: halogen-free FRNC; red

**Application advantage**

- Flame retardant acc. to IEC 60332-1 & IEC 60332-3-24
- Double shielded for ensured EMI effectiveness
- Maintains integrity for a minimum of 120 minutes in the event of fire (PH 120 Classification acc. to EN50200)
- Suitable for PoE per IEEE 802.3at

**Cable attributes** page 648

OIL	OR-00	FLAME	FR-03
MOTION	FL-01	MECH.	MP-01

**Complete the installation**

SKINTOP® MS-SC page 522	RJ45 connectors page 258
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**ÖLFLEX® CONNECT solution**

ÖLFLEX® CONNECT CABLES page 605
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**Technical data**

<b>Minimum bend radius:</b>	15 x cable diameter	<b>Characteristic impedance:</b>	100Ω ± 15Ω
<b>Temperature range:</b>	-20°C to +70°C	<b>Color code:</b>	white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
<b>Nominal voltage:</b>	125V (not for power applications)		

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	PoE	Nominal outer diameter in mm	Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
<b>CAT.5e</b> 2170905	23 AWG/4pr	solid	FRNC	red	—	yes	0.327 8.3	50	53112220

Recommended SKINTOP® assumes minimal OD variance. Additional configurations are available; please see our SKINTOP® section.  
If not otherwise specified, all values relating to the product are nominal values.  
Photographs are not to scale and are not true representations of the products in question.