

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.

Construction

- Conductors:** solid bare copper
- Pairs:** 4 pairs twisted together
- Insulation:** polyolefin; special fire-retardant tape
- Shielding:** foil tape
- Jacket:** halogen-free FRNC; red

Recommended applications

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

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

Approvals



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

Technical data

Minimum bend radius:	15 x cable diameter	Characteristic impedance:	100Ω ± 15Ω
Temperature range:	-20°C to +70°C	Color code:	white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
Nominal voltage:	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	
CAT.5e										
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.