ETHERLINE® HEAT 6722
Flexible special Ethernet cable for high-temperature applications

LAPP KABEL STUTTGART ETHERLINE® HEAT 6722

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ETHERLINE® HEAT 6722 CAT.5e, CAT.6A, and CAT.7 cables are suitable for flexible applications. They are heat resistant up to 105°C and are also suitable for outdoor applications.
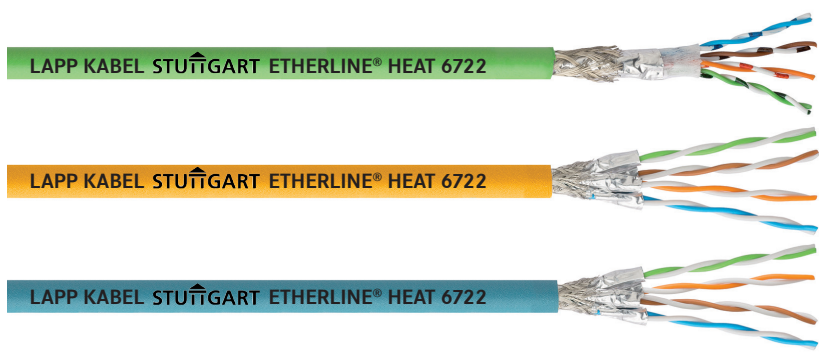
■ Construction

Conductors: stranded bare copper

Pairs: 4 pairs twisted together

Insulation: polyolefin wrapped with special fire-retardant tape

Shielding: CAT.5e: overall foil & tinned copper braid • CAT.6A/CAT.7: overall copper braid with foil-shielded pairs

Jacket: halogen-free polyurethane; green, yellow, or blue

■ Application advantage

- ISO 6722 compliant
- Good resistance to oil, petrol, acids, and alkalis
- Halogen-free jacket is resistant to abrasion, cuts, and oil
- Easy to strip and dismantle
- Tested according to ECE-R 118.01
- Suitable for PoE per IEEE 802.3at

■ Recommended applications

connecting camera, info/entertainment, and ticketing systems in transportation environments

■ Approvals

RoHS ✓

PROFINET®

Cable attributes		page 648
OIL	OR-04	
MOTION	FL-02	
FLAME	FR-01	
MECH.	MP-05	

Complete the installation

SKINTOP® MS-SC
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RJ45 connectors
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ÖLFLEX® CONNECT solution

ÖLFLEX® CONNECT CABLES
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■ Technical data

Minimum bend radius:
- for stationary use: 10 x cable diameter
- for flexible use: 15 x cable diameter

Temperature range:
- for stationary use: -30°C to +105°C
- for flexible use: -40°C to +105°C

Nominal voltage: 125V (not for power applications)

Characteristic impedance: 100Ω ± 15Ω

Color code:
- CAT.5e: white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
- CAT.6A/7: white & blue, white & orange, white & green, white & brown

Approvals: RoHS

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	PoE	Nominal outer diameter		Approx. weight	SKINTOP® MS-SC
							in	mm	lbs/mft	PG thread
CAT.5e										
2170850	24 AWG/4pr	7 wire	PUR	green	PROFINET®	yes	0.303	7.7	48	53112220
CAT.6A										
2170581	24 AWG/4pr	7 wire	PUR	yellow	PROFINET®	yes	0.319	8.1	52	53112220
CAT.7										
2170582	24 AWG/4pr	7 wire	PUR	blue	PROFINET®	yes	0.319	8.1	52	53112220