

ETHERLINE® 4 pair: CAT.7; flexible

Industrial Ethernet cable for flexible applications



LAPP KABEL STUTTGART ETHERLINE® CAT.7



ETHERLINE® CAT. 7 flexible cables are designed for flexible applications and come with an overall foil and braid shield and individually shielded pairs for EMI protection.

Construction

Conductors: stranded bare copper

Pairs: 4 pairs individually shielded with aluminum compound foil

Insulation: polyethylene

Shielding: foil & tinned copper braid

Jacket: halogen-free polyurethane; green

Recommended applications

Flexible applications; wiring of industrial network devices, sensors, actuators, and cordsets

Approvals



Application advantage

- Can be used in dry or damp rooms
- Qualified for 10 Gigabit Ethernet
- Suitable for EtherCAT® & EtherNet/IP applications
- Excellent EMI protection
- Space-saving due to small cable diameter
- Robust halogen-free outer jacket

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OIL	OR-04	FLAME	FR-01
MOTION	FL-02	MECH.	MP-05

Complete the installation



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MS-SC
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ÖLFLEX® CONNECT solution



ÖLFLEX® CONNECT CABLES
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Technical data

Minimum bend radius:		Characteristic impedance:	100Ω ± 15Ω
- for installation:	4 x cable diameter	Color code:	white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
- for torsion & flexing:	10 x cable diameter	Approvals:	UL: AWM 21576 Canada: cRU AWM I/II A/B FT2
Temperature range:			
- for installation:	-50°C to +80°C		
- for flexible use:	-40°C to +80°C		
Nominal voltage:	125V (not for power applications)		

Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nominal outer diameter in mm		Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
CAT.7											
2170934	26 AWG/4pr	7 wire	PUR	green	UL AWM, CMX	no	no	0.250	6.4	31	53112210

Max cable run: 196 ft (60 m)