

ETHERLINE® 4 pair: CAT.5e; stationary

Industrial Ethernet cable for stationary applications

LAPP KABEL STUTTGART ETHERLINE® CAT.5e



ETHERLINE® 4 pair cables for stationary applications are suitable for CAT.5e data transmission. Designed with a foil and braid shield, the cable is protected against EMI and can be used in areas where reliable data transmission is key. The cable is available with a PUR or halogen-free jacket, or with a double halogen-free inner and outer jacket.

Construction

- Conductors:** solid bare copper
- Pairs:** 4 pairs twisted together
- Insulation:** foam skin
- Shielding:** foil and tinned copper braid
- Jacket:** polyurethane or halogen-free; teal • 2170298: halogen-free inner & outer jackets

Recommended applications

Stationary applications; industrial field and cell level networking; PLCs, sensors, and other network devices; dry and damp rooms

Application advantage

- Suitable for EtherCAT® & EtherNet/IP applications
- Excellent EMI protection
- Flame retardant
- Suitable for PoE per IEEE 802.3at

Approvals




Cable attributes page 648

See attribute list by part number on page 234

Complete the installation



SKINTOP® MS-SC
page 522










RJ45 connectors
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ÖLFLEX® CONNECT solution



ÖLFLEX® CONNECT CABLES
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Technical data

<p> Minimum bend radius: - for stationary use: 8 x cable diameter</p> <p> Temperature range: -30°C to +80°C</p> <p> Nominal voltage: (not for power applications) - 2170297: 1000V - 2170296, 2170298: 125V</p> <p> Test voltage: 1000V</p>	<p> Characteristic impedance: 100Ω ± 15Ω</p> <p> Color code: white/blue & blue, white/orange & orange, white/green & green, white/brown & brown</p> <p> Approvals: UL: AWM 21576 (2170297) Canada: cRU AWM I/II A/B FT2 (2170297) Additional: RoHS</p>
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Part number	Construction	Stranding	Jacket material	Jacket color	Approvals	Fast connect	PoE	Nominal outer diameter		Approx. weight lbs/mft	SKINTOP® MS-SC PG thread
								in	mm		
CAT.5e											
2170296	24 AWG/4pr	solid	halogen-free	teal	–	no	yes	0.248	6.3	36	53112210
2170297	24 AWG/4pr	solid	PUR	teal	UL/CSA AWM, 1000V	no	yes	0.248	6.3	42	53112210
2170298	24 AWG/4pr	solid	halogen-free*	teal	–	no	yes	0.296	7.5	54	53112220

* Inner and outer jacket