

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




Approvals










EtherNet/IP

Application advantage

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

Cable attributes	page 648	Complete the installation	ÖLFLEX® CONNECT solution
See attribute list by part number on page 234		 SKINTOP® MS-SC page 522	 RJ45 connectors page 257
			 ÖLFLEX® CONNECT CABLES page 605

Technical data

 Minimum bend radius: - for stationary use:	8 x cable diameter	 Characteristic impedance:	100Ω ± 15Ω
 Temperature range:	-30°C to +80°C	 Color code:	white/blue & blue, white/orange & orange, white/green & green, white/brown & brown
 Nominal voltage: - 2170297: - 2170296, 2170298:	(not for power applications) 1000V 125V	 Approvals:	UL: AWM 21576 (2170297) Canada: cRU AWM I/II A/B FT2 (2170297) Additional: RoHS
 Test voltage:	1000V		

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