ETHERLINE[®]

Data communication systems for Ethernet technology

ETHERLINE[®] 4 pair: CAT.6A/CAT.7; stationary

Industrial Ethernet cable for stationary applications

LAPP KABEL STUTIGART ETHERLINE® P PIMF CAT.6A

LAPP KABEL STUTTGART ETHERLINE® H PIMF CAT.7

EtherCAT

ETHERLINE[®] CAT.6A and CAT.7 cables are suitable for stationary applications. The 4 pairs are individually wrapped in metal foil and the overall braid provides additional protection against EMI. Three different jacket options are available.

Recommended applications

Approvals

RoHS

Stationary applications in harsh industrial environments; dry or damp rooms; CAT.6A = 500 MHz; CAT.7 = 600 MHz

EtherNet/IP

<u>Conductors:</u> solid bare copper <u>Pairs:</u> 4 pairs, individually shielded with foil tape

Insulation: polyethylene

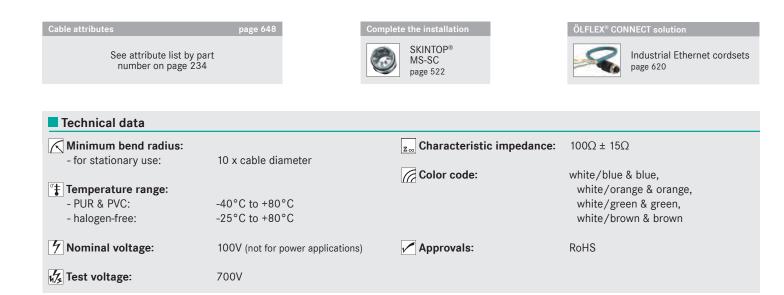
Shielding: overall copper braid

Construction

Jacket: PVC, polyurethane, or halogen-free; green

Application advantage

- Suitable for EtherCAT[®] & EtherNet/IP applications
- PUR jacket is highly resistant to mineral oils and abrasion
- Suitable for PoE per IEEE 802.3at



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.6A										105/1111	FG tilleau
2170464	22 AWG/4pr	solid	PVC	green	_	no	ves	0.343	8.7	66	53112220
2170465	22 AWG/4pr	solid	PUR	green	_	no	ves	0.343	8.7	61	53112220
2170466	22 AWG/4pr	solid	halogen-free	green	_	no	ves	0.343	8.7	67	53112220
CAT.7	· · · ·		0	0			,			1	
2170474	22 AWG/4pr	solid	PVC	green	_	no	yes	0.343	8.7	66	53112220
2170475	22 AWG/4pr	solid	PUR	green	_	no	yes	0.343	8.7	61	53112220
2170476	22 AWG/4pr	solid	halogen-free	green	_	no	yes	0.343	8.7	67	53112220

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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.

