

ETHERLINE® 4 Pair: CAT.6A/CAT.7; Stationary

Industrial Ethernet Cable for Stationary Applications

LAPP KABEL STUTTGART ETHERLINE® P PiMF CAT.6A

LAPP KABEL STUTTGART ETHERLINE® H PiMF CAT.7

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.

Construction

Conductors: Solid bare copper

Pairs: 4 pairs, individually shielded with foil tape

Insulation: Polyethylene

Shielding: Overall copper braid

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

Recommended Applications

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

Application Advantage

- PUR jacket is highly resistant to mineral oils and abrasion

Approvals



Cable Attributes

page 640

See attribute list by part number on page 230

Complete the Installation



SKINTOP®
Strain Relief
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ÖLFLEX® CONNECT Solution



Industrial Ethernet Cordsets
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Technical Data



Minimum Bend Radius:

- for stationary use: 10 x cable diameter



Temperature Range:

- PUR & PVC: -40°C to +80°C
- Halogen-free: -25°C to +80°C



Nominal Voltage:

100V (not for power applications)



Test Voltage:

700V



Characteristic Impedance:

100Ω ± 15Ω



Color Code:

White/blue & blue,
white/orange & orange,
white/green & green,
white/brown & brown



Approvals:

RoHS

Part Number	Size / Pairs	Stranding	Jacket Material	Jacket Color	Approvals	Fast Connect	Nominal Outer Diameter (in) (mm)		Approx. Weight (lbs/mft)	SKINTOP® MS-SC PG Thread
CAT.6A Cable										
2170464	22 AWG/4pr	Solid	PVC	Green	PROFINET®	No	0.343	8.7	66	53112220
2170465	22 AWG/4pr	Solid	PUR	Green	PROFINET®	No	0.343	8.7	61	53112220
2170466	22 AWG/4pr	Solid	Halogen-free	Green	PROFINET®	No	0.343	8.7	67	53112220
CAT.7 Cable										
2170474	22 AWG/4pr	Solid	PVC	Green	PROFINET®	No	0.343	8.7	66	53112220
2170475	22 AWG/4pr	Solid	PUR	Green	PROFINET®	No	0.343	8.7	61	53112220
2170476	22 AWG/4pr	Solid	Halogen-free	Green	PROFINET®	No	0.343	8.7	67	53112220

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.
For current information go to our website.