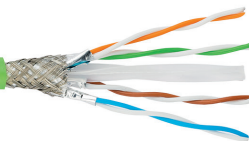


ETHERLINE® 4 pair: CAT.7 TORSION

Industrial Ethernet cable for torsion stress



LAPP KABEL STÜTTGART ETHERLINE® CAT.7 TORSION



ETHERLINE® CAT. 7 TORSION meets CAT. 7 requirements and can be used in torsion applications. The premium shielding allows reliable, high-speed data transfer.

Construction

- Conductors:** stranded tinned copper
- Pairs:** 4 pairs individually shielded with aluminum compound foil
- Insulation:** polyethylene
- Shielding:** overall copper braid
- Jacket:** halogen-free polyurethane; green

Recommended applications

High-torsion stress applications; harsh industrial environments

Application advantage

- Suitable for high-torsion stress
- Qualified for 10 Gigabit Ethernet
- Suitable for EtherCAT® & EtherNet/IP applications
- Excellent EMI protection
- Halogen-free & oil resistant
- Suitable for PoE per IEEE 802.3at

Approvals



Cable attributes page 648

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

Complete the installation

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| SKINTOP® MS-SC page 522 | RJ45 connectors page 257 |
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ÖLFLEX® CONNECT solution

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| ÖLFLEX® CONNECT CABLES page 605 |
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Technical data

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|---|---|
| Minimum bend radius: - for installation: 8 x cable diameter - for torsion & flexing: 15 x cable diameter | Characteristic impedance: 100Ω ± 15Ω |
| Temperature range: - for installation: -40°C to +80°C - for flexible use: -30°C to +70°C | Color code: white & blue, white & orange, white & green, white & brown |
| Nominal voltage: 125V (not for power applications) | Approvals: UL: CMX AWM 21576 Canada: c(UL) CMX |

| 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 | | | | | | | | | | |
| 2170481 | 24 AWG/4pr | 7 wire | PUR | green | UL AWM, CMX | no | yes | 0.367 | 9.4 | 64 53112220 |

Max cable run: 279 ft (85 m)

EtherCAT® is a registered trademark of Beckhoff Automation GmbH.
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.