ETHERLINE® 4 Pair: CAT.6A; Continuous Flex
Industrial Ethernet Cable for Continuous Flex Applications

This ETHERLINE® 4 pair cable meets CAT.6A requirements and is suitable for continuous flex applications. Individually shielded pairs and an overall braid shield protect the cable from EMI and allow reliable, high-speed data transfer. The cable is available with a PVC or halogen-free polyurethane jacket.

Recommended Applications
Continuous flex applications; cable tracks; moving machine parts; harsh environments; qualified for CAT.6A = 10 Gbits/s

Approvals

![UL, CSA, RoHS, ProfiNet, EtherCAT]

Application Advantage
- Qualified for 10 Gigabit Ethernet
- Premium shielding against EMI
- Oil-resistant jacket
- Conforms to PROFINET® standard

Technical Data

| Minimum Bend Radius: | 15 x cable diameter |
| Temperature Range: | -40°C to +80°C for stationary use; -10°C to +70°C for continuous flexing |
| Nominal Voltage: | 1000V for 2170484; 125V for 2170485 |
| Characteristic Impedance: | 100Ω ± 15Ω |

Color Code:
White & blue, white & orange, white & green, white & brown

Approvals:
UL: AWM 21576 (2170484) CMX per UL 444 (2170484) RU AWM 80°C 1000V (2170484) CMG per UL 444 (2170485)
Canada: c(UL) CMX (2170484) cRU AWM I/II A/B FT2 (2170484) c(UL) CMG FT4 (2170485)
Additional: RoHS

Part Number | Size / Pairs | Stranding | Jacket Material | Jacket Color | Approvals | Fast Connect | Nominal Outer Diameter (mm) | Approx. Weight (lbs/mft) | SKINTOP® MS-SC PG Thread |
---|---|---|---|---|---|---|---|---|---|
CAT.6A Cable | 24 AWG/4pr | 7 wire | PUR | Green | PROFINET®, UL/CSA AWM, CMX | No | 9.0 | 60 | 53112220 |
| 2170484 | 24 AWG/4pr | 7 wire | PVC | Green | PROFINET®, UL/CSA CMG | No | 9.0 | 59 | 53112220 |

PROFINET® is a registered trademark of the PNO (PROFIBUS User Organization). 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.