

Hardened Category Messenger Cable



Overview

PPC Hardened Category Cables offer best-in-class mechanical and electrical performance, designed to last decades in the field. The triple-jacket shielded design offers improved impact, UV and moisture resistance, with a messenger for aerial installations. The jumpers are perfect for outdoor installations such as WiFi, security and cell backhaul.



Technical Data

Cable Specifications

| Shielding | Electrical Performance | Maximum Operating Voltage | Applicable Standards |
|------------------------------|------------------------|-----------------------------|---|
| Aluminum Foil-Polyester Tape | Category 6 | 300 V RMS (600 V AWM Rated) | ANSI/TIA-568-C.2, ISO/IEC 11801, EtherNet/IP(tm) Specification, UL 1666 Riser |

Connector Specifications

| Sealing | Connector Interface | Shielding | Electrical Performance | Maximum Operating Voltage | Applicable Standards |
|-------------------|---------------------|-------------------------|------------------------|---------------------------|--|
| Suitable for IP20 | IEC 60603-7 | Hard Brass - Tin plated | Category 6 | 300 V RMS | ANSI/TIA-568-C.2, ISO/IEC 11801, EtherNet/IP Specification |

Assembly Specifications

| Electrical Performance | Maximum Operating Voltage | Temperature Range | | | Applicable Standards |
|------------------------|-----------------------------|--------------------------------------|-------------------------------------|-------------------------------------|---|
| | | Storage | Installation | Operation | |
| Category 6 | 300 V RMS (600 V AWM Rated) | -40 °C to +70 °C -40 °F to 160 °F | -10 °C to +60 °C 15 °F to 140 °F | -10 °C to +60 °C 15 °F to 140 °F | ANSI/TIA/EIA-568-C.2, ISO/IEC 11801, UL 1863 and CSA-22.2 No. 233 |

Third Jacket Specifications

| Material | Diameter/Size over Jacket | Messenger |
|---------------------------|---|---|
| Cold Impact Resistant PVC | 10.8 mm (0.425 in) ± 3% Over Third Jacket 10.8 mm (0.425 in) x 15.6 mm (0.615 in) ± 3% Including Messenger | 1.8 mm ± .05 mm (0.072 in ± 0.002 in) Galvanized Steel Minimum Break. Strength 1628 N (366 lbs) |

Ordering Information

| Part Number | Description |
|----------------|---|
| JC6DM85 BLK025 | Hardened Category Messenger Cable, Black, 7.6 m (25 ft) |
| JC6DM85 BLK050 | Hardened Category Messenger Cable, Black, 15.2 m (50 ft) |
| JC6DM85 BLK100 | Hardened Category Messenger Cable, Black, 30.5 m (100 ft) |
| JC6DM85 BLK150 | Hardened Category Messenger Cable, Black, 45.7 m (150 ft) |
| JC6DM85 BLK200 | Hardened Category Messenger Cable, Black, 60.9 m (200 ft) |
| JC6DM85 BLK250 | Hardened Category Messenger Cable, Black, 76.2 m (250 ft) |

*EU Directive 2002/95/EC (RoHS) Compliance, EU RoHS Compliance Date (01/01/2006), MII Order #39 (China RoHS) Compliance

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