

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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