Hardened Category Cable

Overview

PPC Hardened Category Cables offer best-in-class mechanical and electrical performance, designed to last decades in the field. The double-jacket shielded design offers improved impact, UV and moisture resistance. 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 6A	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 6A	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 6A	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

Outer/Second Jacket Specifications

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	8.5 mm (0.335 in)	0.8 mm (0.03 in)

Ordering Information

Part Number	Description
JC6DT85 BLK025	Hardened Category Cable, Black, 7.6 m (25 ft)
JC6DT85 BLK050	Hardened Category Cable, Black, 15.2 m (50 ft)
JC6DT85 BLK100	Hardened Category Cable, Black, 30.5 m (100 ft)
JC6DT85 BLK150	Hardened Category Cable, Black, 45.7 m (150 ft)
JC6DT85 BLK200	Hardened Category Cable, Black, 60.9 m (200 ft)
JC6DT85 BLK250	Hardened Category 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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