

Ultra 10® 10GJCM Category 6A F/UTP Cable, non-plenum, gray jacket, 4 pair count, 1000 ft (305 m) length reel

Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Twisted pair cable
Product Brand	Ultra 10®

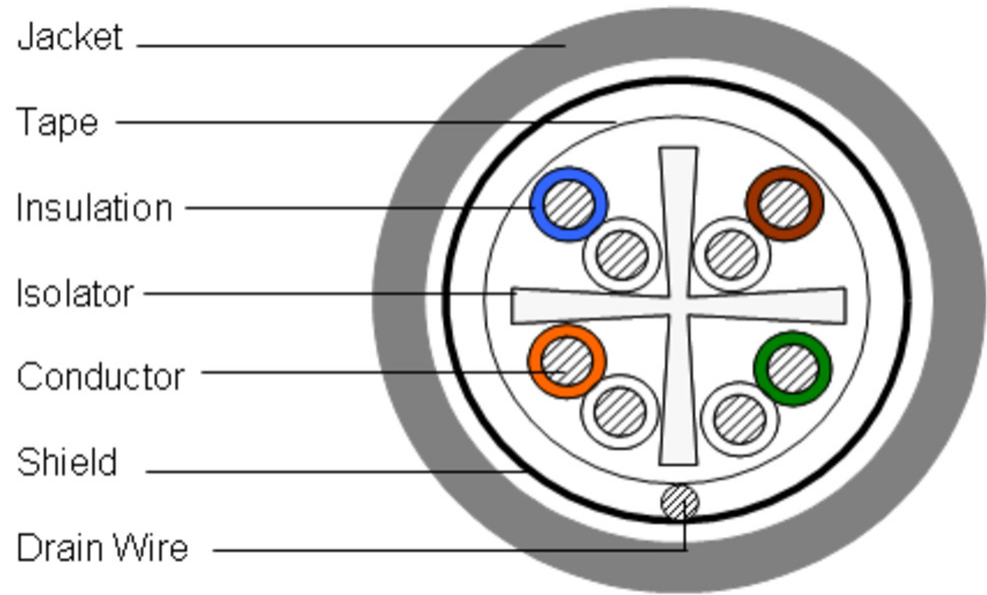
General Specifications

Product Number	10GJCM
ANSI/TIA Category	6A
Cable Component Type	Cordage
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Drain Wire Type	Solid
Jacket Color	Gray
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	6.706 mm 0.264 in
Jacket Thickness	0.508 mm 0.02 in
Conductor Gauge, singles	24 AWG
Drain Wire Gauge	26 AWG

Cross Section Drawing



Electrical Specifications

dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft
Delay Skew, maximum	45 ns
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	70 %
Operating Frequency, maximum	500 MHz
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
Safety Voltage Rating	300 V

Material Specifications

Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	PVC

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Separator Material	Polyolefin
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Mechanical Specifications

Pulling Tension, maximum	11.34 kg 25 lb
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Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
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Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
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Environmental Space	Non-plenum
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Flame Test Method	CMR
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Packaging and Weights

Cable weight	43.231 kg/km 29.05 lb/kft
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Packaging Type	Reel
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Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

