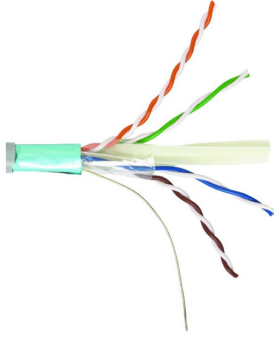


8451304/10 | 10GJCM RED C6A 4/24 SO F/UTP RL 1KFT



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

OBSOLETE

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	Red
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D

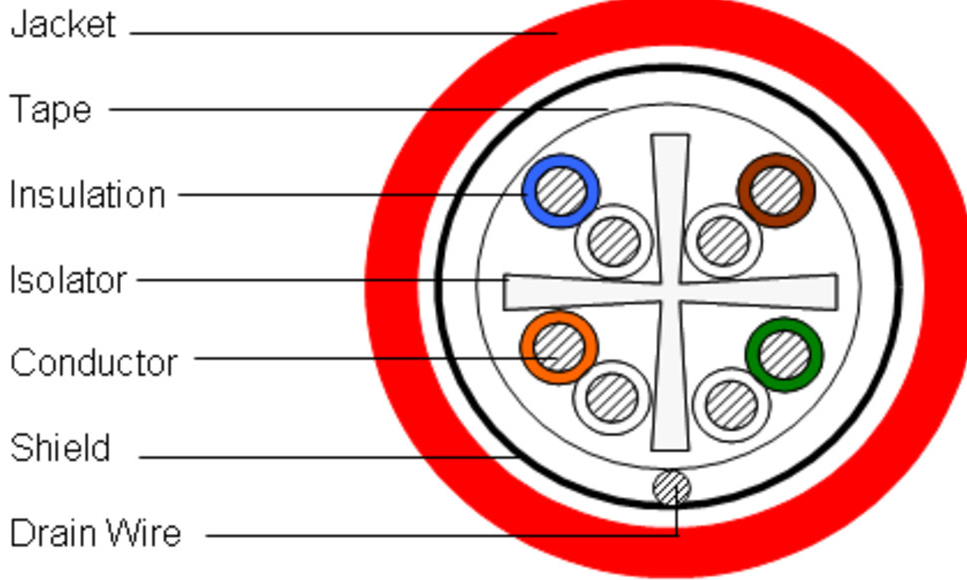
Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	6.706 mm 0.264 in

8451304/10 | 10GJCM RED C6A 4/24 SO F/UTP RL 1KFT

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
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8451304/10 | 10GJCM RED C6A 4/24 SO F/UTP RL 1KFT

Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	PVC
Separator Material	Polyolefin

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)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space	Non-plenum
Flame Test Method	CMR

Packaging and Weights

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

Regulatory Compliance/Certifications

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

