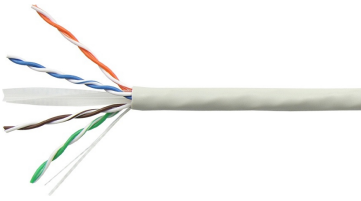# 2171012-6 | TE640P-GY02

640 Series Copper Cable, category 6A, 4 pair, UTP, CMP rated, 1000 ft reel, gray

<div style="border:1px solid red">

OBSOLETE

Replaced By:

UN874044404/10
CS44P GRY C6A 4/23 U/UTP RL 1KFT

CS44P ETL Verified Category 6A U/UTP Cable, plenum, gray jacket, 4 pair count, 1000 ft (305 m) length reel

</div>

Product Classification

Regional Availability	Asia	Australia/New Zealand	Latin America
Portfolio	NETCONNECT®
Product Type	Twisted pair cable
Product Series	640 Series

General Specifications

Product Number	640P
ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Gray
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E

Dimensions

Cable Length	304.8 m	1000 ft
Diameter Over Jacket, nominal	7.239 mm	0.285 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing

COMMSCOPE®

Cross web filler

Pair

Jacket

Insulation

Pairs twisted with different lays

Core: 4 pairs and 1 filler cabled together

Conductor

.285 in (nominal)
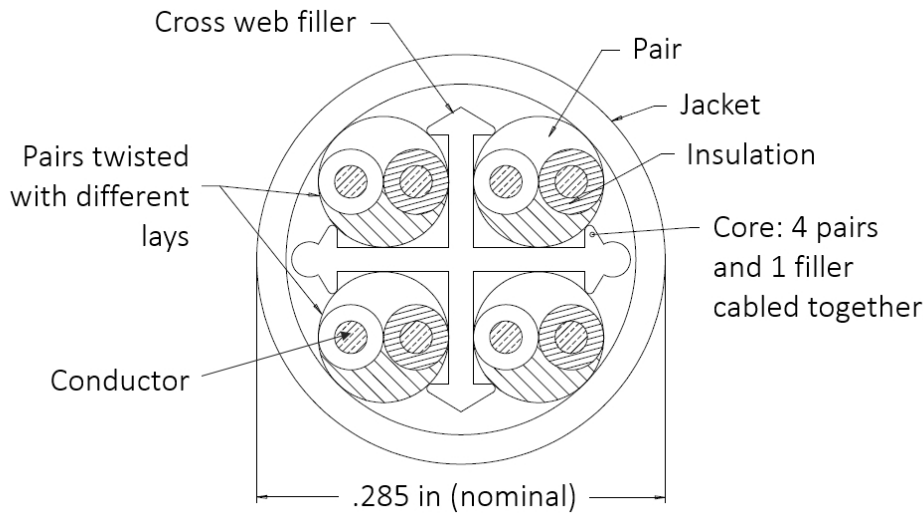
Electrical Specifications

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
Insulation Material	Fluoropolymer
Jacket Material	Fire retardant PVC

Environmental Specifications

Operating Temperature	-20 °C to +75 °C (-4 °F to +167 °F)
Storage Temperature	-20 °C to +75 °C (-4 °F to +167 °F)
Environmental Space	Plenum
Flame Test Method	NEC Article 800 | UL 444
Smoke Test Method	CMP/FT6

Packaging and Weights

Cable weight	61.015 kg/km | 41 lb/kft
Packaging Type	Reel

COMMSCOPE®

Regulatory Compliance/Certifications

Agency	Classification
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance

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