



510 Series Copper Cable, category 5e, 25 Pair, UTP, 100 MHz, CMP rated, 24 AWG, 1000 ft reel, blue

OBSOLETE

This product was discontinued on: September 30, 2021

Product Classification

Regional Availability	Latin America North America
Portfolio	CommScope®
Product Type	Twisted pair cable
Product Series	510 Series

General Specifications

Product Number	510P
ANSI/TIA Category	5e
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	50
Jacket Color	Blue
Pairs, quantity	25
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class D

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	11.684 mm 0.46 in
Conductor Gauge, singles	24 AWG

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

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Safety Voltage Rating 300 V

Material Specifications

Conductor Material Bare copper

Insulation Material FEP

Jacket Material PVC

Environmental Specifications

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)

Environmental Space Plenum

Smoke Test Method CMP/FT6

Packaging and Weights

Cable weight 211.319 kg/km | 142 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

