1427227-3
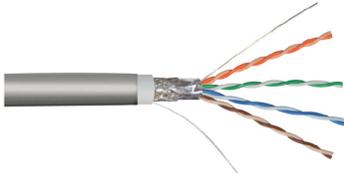
Copper Cable, category 5e, 4 pair, SF/UTP, CM, 24 AWG solid, 1000 ft, gray

Product Classification

Regional Availability	Asia	EMEA
Portfolio	NETCONNECT®
Product Type	Twisted pair cable

General Specifications

ANSI/TIA Category	5e
Cable Component Type	Horizontal
Cable Type	SF/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Gray
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D

Dimensions

Cable Length	304.8 m	1000 ft
Diameter Over Jacket, nominal	6.502 mm	0.256 in
Jacket Thickness	0.559 mm	0.022 in
Conductor Gauge, singles	24 AWG

Cross Section Drawing

COMMSCOPE®

1427227-3

BRAIDING

RIP CORD

DRAIN WIRE

JACKET

CONDUCTOR

AL FOIL

CORE: 4 PAIRS CABLED TOGETHER, TWISTED WITH DIFFERENT LAYS

INSULATION

POLYESTER TAPE
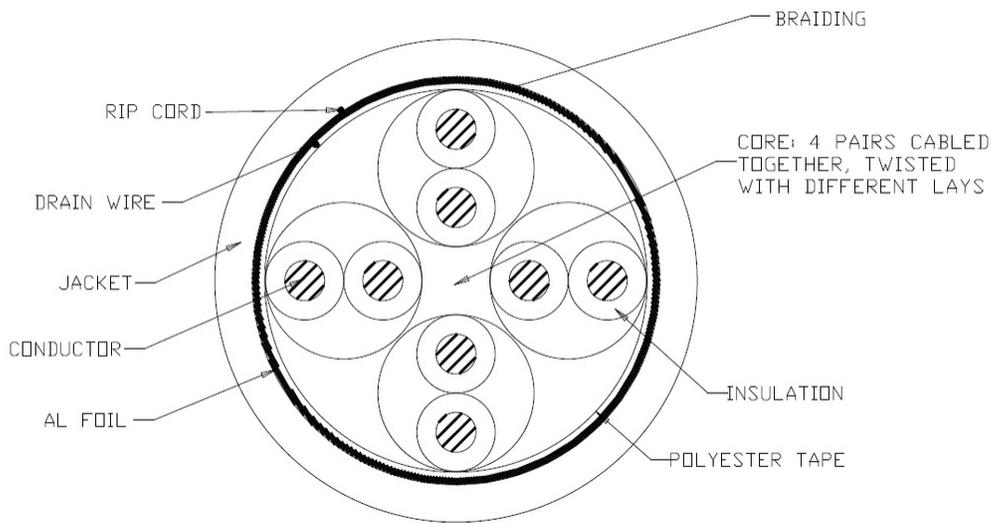
Electrical Specifications

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

Material Specifications

Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	PVC
Ripcord Material	Polyester
Shield (Braid) Material	Tinned copper
Shield (Tape) Material	Aluminum/Polyester

Environmental Specifications

Environmental Space	Non-plenum
Fire Safety Listing	CM
Flame Test Method	NEC Article 800	UL 444
Safety Standard	UL

Packaging and Weights

COMMSCOPE®

1427227-3

Packaging Type   Reel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

COMMSCOPE®