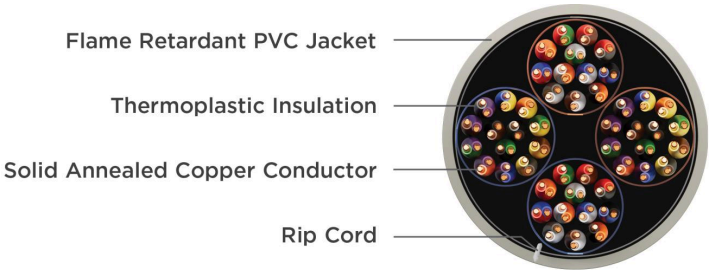
Premises Copper > Indoor > Category 3 > 50 Pairs > 24 AWG

Category 3 / Indoor / 50 Pairs / 24 AWG / CMP / Gray / 1K FT Wood Reel

Part Number: 18-579-36
Status: Available





MADE IN THE USA

RoHS

GENERAL SPECIFICATIONS

Jacket	LSPVC
End User Application	LAN
Pairs	50
Conductor	Solid Annealed Copper
Conductor Count	100
AWG (mm)	24 (0.51)
Insulation	Thermoplastic
Characteristic Impedance (Ohms)	100 ± 15
Temperature Rating	90°C

COMPLIANCE & SUSTAINABILITY

Standards Compliance	UL 444 CSA C22.2 No. 214-08 UL 1666 NFPA 262 ANSI/TIA-568.2-E ANSI/ICEA S-90-661-2012 Article 800, NEC (NFPA 70) RoHS-compliant/RoHS 2-compliant
NRTL Programs	UL, c(UL) Listed CMP

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.64 (16.3)
Nominal Weight lbs/kft (kg/km)	227 (339)
Package Length	1,000
Package Type	Wood Reel
Packages per Pallet	4
Standard Length ft (m)	1,000 (305)

Product Description

The ideal choice for LAN transmission with specified bandwidth up to 16 MHz. These cables are used for voice and data communications and can handle application bandwidths up to 16 MHz. Other uses for these cables include indoor use on customer premises for the interconnection of telephone key systems, PBX and intercom systems. Product is offered for both plenum (CMP) and riser (CMR) applications. Part number 18-579-36 is the plenum-rated (CMP) gray version: a 50-pair, 24 AWG UTP construction with solid annealed copper conductors, thermoplastic insulation and an LSPVC jacket. Nominal diameter is 0.64 (16.3) in (mm) with an approximate weight of 227 (339) lbs/kft (kg/km), supplied on a 1,000 ft wood reel.

Applications

- 4 Mbps token ring (IEEE 802.5)
- Analog voice
- 10 Mbps 10BASE-T Ethernet (IEEE 802.3)
- Telecommunications closet wiring

Features

- CMP constructions use extremely flexible, FR-PVC jacket
- Jacket color options

Benefits

- Easier and less time-consuming installations, no kinking of outer jacket
- Improves backbone sub-system identification, reduces labor and mistakes

Technical Guideline

Technical Guideline TG029 "Premises Cable Temperature Guidelines" provides operating, storage and installation temperature ranges for premises cables. Click here for more information.

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