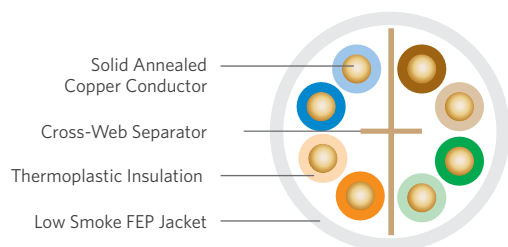


Category 6 with FEP Jacket

CMP



SPECIFICATIONS

Pair Count	4
Conductor	Solid annealed copper
AWG (mm)	23
Insulation	FEP
Insulation Colors	Pair 1: ColorTip Light Blue, Blue Pair 2: ColorTip Light Orange, Orange Pair 3: ColorTip Light Green, Green Pair 4: ColorTip Light Brown, Brown
Jacket	Low smoke FEP
Characteristic Impedance Ohms	100 ± 15
Nominal Velocity of Propagation %	75
Performance Compliance	NFPA 262 ANSI/TIA-568.2-D Article 800, NEC (NFPA 70)
NRTL Programs	UL Verified 6 UL, c(UL) Listed CMP
Sustainability	UL Certified EPD HPD Multi-Attribute Certification USGBC® Member RoHS-compliant/RoHS 2-compliant REACH-compliant

ENVIRONMENTAL SPECIFICATIONS

Operation	-40°C to +200°C
Storage/Shipping	-40°C to +200°C
Installation	-40°C to +200°C

PART NUMBERS AND PHYSICAL CHARACTERISTICS

Part Number ¹	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
66-246-xP	0.20 (5.1)	24 (35.82)	1,000' BrakeBox	27
66-272-xP	0.20 (5.1)	24 (35.82)	1,000' Plywood Reel	16

JACKET COLORS

¹Replace "x" with: Blue = 2 White = 4

PRODUCT DESCRIPTION



FIRST MANUFACTURER IN THE INDUSTRY
to offer products that contribute toward LEED!

FEP Jacketed Category 6 Plenum is designed for high-risk applications such as chemical processing plants, petroleum refineries, and temperature extremes. Employing the latest polymer technology, FEP Jacketed Category 6 Plenum is constructed entirely of chemical, oil, heat, and moisture resistant FEP fluoropolymer. It is ideally suited for industrial UTP applications where severe environmental stresses would compromise standard PVC plenum cables. Additionally, the cable is specially processed to ensure a more durable print legend.

APPLICATIONS

- 10BASE-T through 1000BASE-T Ethernet
- Power over Ethernet (PoE) - IEEE 802.3af
- PoE+ - IEEE 802.3at Type 1 and 2
- ATM and token ring
- Works well in high-risk environments
- For installations with thermal or chemical exposure

FEATURES

- UL® Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Multi-Attribute Certification by GreenCircle Certified, LLC
- FEP Jacket
- All fluoropolymer construction
- RoHS-compliant
- Meets or exceeds CAT 6 requirements
- Durable cable print
- BrakeBox® payout control system
- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- Color-coded box labels

BENEFITS

- Contributes toward 1 LEED point under the Material and Resources credit (MRc)
- Contributes toward 1 LEED point under the MRc
- Offers an overview of the sustainability of a product, its packaging and manufacturing
- Lower smoke emission in plenum test than PVC
- Resistant to chemical, moisture, thermal exposure
- No heavy metals; no toxic components
- Reliable performance
- Print legend does not rub off
- Adjustable tension control on reel prevents over spin and entangling of cable
- Provides remaining length of cable on reel
- Easily identifiable conductor mates, even in low-light environments
- Easily identifiable jacket colors