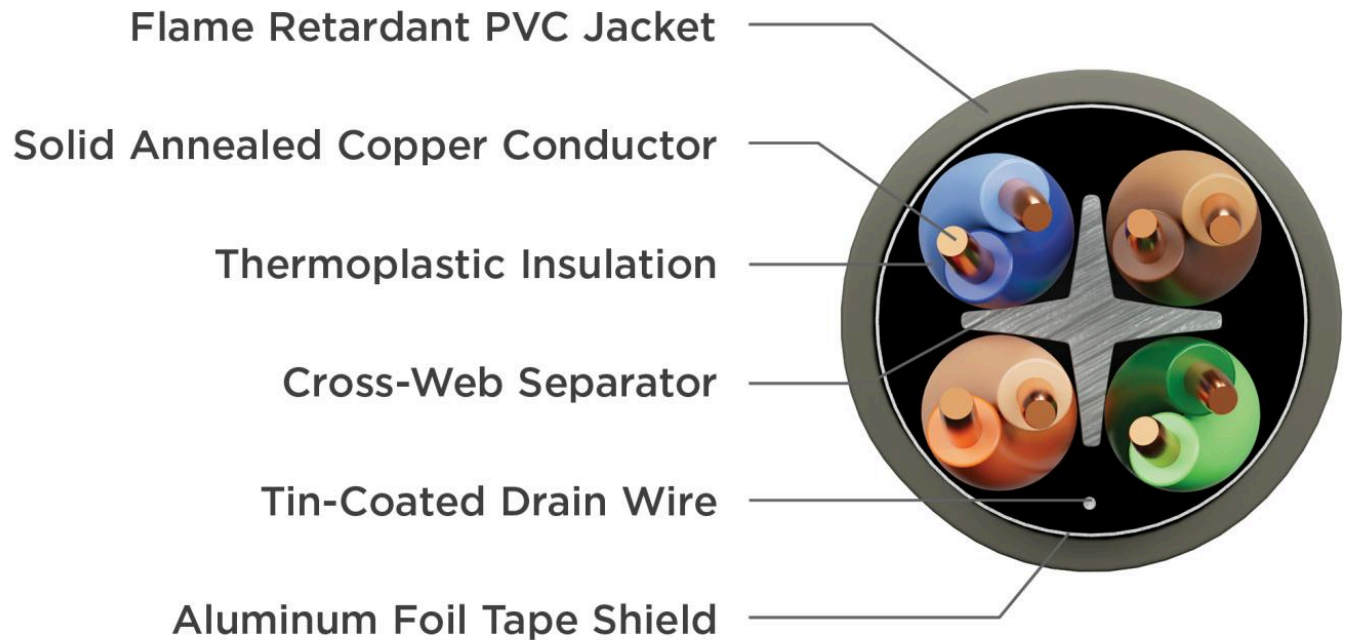


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Category 6A F/UTP (ScTP)

CMR / CMP

[DOWNLOAD PDF](#)**MADE
IN THE USA****RoHS****REACH**

GENERAL SPECIFICATIONS

Cable Configuration

Copper pairs surrounded by aluminum PET foil with an inner drain wire and jacket

End User Application

Enterprise, Residential, LAN

Environment

Indoor

Standards Compliance

UL 444

CSA C22.2 No.214-08

GENERAL SPECIFICATIONS

UL 1666
ANSI/TIA-568.2-D

COPPER SPECIFICATIONS

- Pairs**
4
- Conductor**
Solid annealed copper
- Conductor Count**
8
- AWG (mm)**
23 (0.57)
- Insulation Colors**
Color Tip
: Light Blue/Blue, Light Orange/Orange, Light Green/Green, Light Brown/Brown
- Shield**
Aluminum Foil Tape Shield
- Drain Wire**
Stranded tinned copper
- Separator**
Cross-Web
- Characteristic Impedence (Ohms)**
100 ± 15

Product Description

Category 6A F/UTP (ScTP) cable, swept out to 600 MHz, meets or exceeds ANSI/TIA-568.2-D for CAT 6A cables, a requirement for 10GBASE-T applications. The cable is UL® Verified CAT 6A and has a typical Alien Crosstalk margin of 18 dB.

The cable consists of four (4) balanced 23 AWG copper pairs around a flame retardant cross-web. The core is wrapped with a Mylar® backed aluminum foil. A drain wire is applied longitudinally against the tape. The cable is then protected with a flexible riser or plenum rated PVC jacket

Applications

- 10BASE-T through 10GBASE-T Ethernet
- Power over Ethernet (PoE) - IEEE 802.3bt Type 1 to 4
- ATM and token ring
- Backward compatible to legacy protocols and applications

Features

- UL Certified Environmental Product Declaration (EPD)
- Health Product Declaration™ (HPD™)
- Multi-Attribute Certification by GreenCircle Certified, LLC
- Overall shielded core

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
- Protects against EMI/RFI
18 dB typical margin Alien Crosstalk performance

- Exceeds ANSI/TIA-568.2-D specification for CAT 6A cable performance
- CableID® alpha numeric code printed every 2 feet
- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- UL LP listed
- Temperature cable rating: 75°C for CMR and 90°C for CMP
- Exceeds requirements for Alien Crosstalk performance
- Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable
- Provides remaining length of cable on reel
- Easily identifiable conductor mates even in low-light environments
- Easily identifiable conductor mates even in low-light environments
- Third-party assurance of product safety in high-heat and high-power applications



Cautionary Information

Do not use as a substitute for Outside Plant (OSP) cables or direct burial.

SUSTAINABILITY CERTIFICATIONS



Part Numbers

Part Number ▲	Product Name ▲	Safety Listing ▲	AWG (mm) ▲	Jacket Color ▲	Package ▲
6F-246-2A	4X23 Category 6A F/UTP (ScTP) / CMR / Blue / 1K FT Reel-in-Box	CMR	23 (0.57)	Blue	BrakeBox®
6F-246-2B	4X23 Category 6A F/UTP (ScTP) / CMP / Blue / 1K FT Reel-in-Box	CMP	23 (0.57)	Blue	BrakeBox®
6F-246-3A	4X23 Category 6A F/UTP (ScTP) / CMR / Gray / 1K FT Reel-in-Box	CMR	23 (0.57)	Gray	BrakeBox®
6F-246-3B	4X23 Category 6A F/UTP (ScTP) / CMP / Gray / 1K FT Reel-in-Box	CMP	23 (0.57)	Gray	BrakeBox®

Part Number ▲	Product Name ▲	Safety Listing ▲	AWG (mm) ▲	Jacket Color ▲	Package ▲
6F-246-4A	4X23 Category 6A F/UTP (ScTP) / CMR / White / 1K FT Reel-in-Box	CMR	23 (0.57)	White	BrakeBox®
6F-246-4B	4X23 Category 6A F/UTP (ScTP) / CMP / White / 1K FT Reel-in-Box	CMP	23 (0.57)	White	BrakeBox®
6F-246-5A	4X23 Category 6A F/UTP (ScTP) / CMR / Green / 1K FT Reel-in-Box	CMR	23 (0.57)	Green	BrakeBox®
6F-246-5B	4X23 Category 6A F/UTP (ScTP) / CMP / Green / 1K FT Reel-in-Box	CMP	23 (0.57)	Green	BrakeBox®
6F-246-6A	4X23 Category 6A F/UTP (ScTP) / CMR / Yellow / 1K FT Reel-in-Box	CMR	23 (0.57)	Yellow	BrakeBox®
6F-246-6B	4X23 Category 6A F/UTP (ScTP) / CMP / Yellow / 1K FT Reel-in-Box	CMP	23 (0.57)	Yellow	BrakeBox®
6F-246-7A	4X23 Category 6A F/UTP (ScTP) / CMR / Purple / 1K FT Reel-in-Box	CMR	23 (0.57)	Purple	BrakeBox®
6F-246-7B	4X23 Category 6A F/UTP (ScTP) / CMP / Purple / 1K FT Reel-in-Box	CMP	23 (0.57)	Purple	BrakeBox®
6F-246-9A	4X23 Category 6A F/UTP (ScTP) / CMR / Red / 1K FT Reel-in-Box	CMR	23 (0.57)	Red	BrakeBox®
6F-246-9B	4X23 Category 6A F/UTP (ScTP) / CMP / Red / 1K FT Reel-in-Box	CMP	23 (0.57)	Red	BrakeBox®
6F-246-DA	4X23 Category 6A F/UTP (ScTP) / CMR / Orange / 1K FT Reel-in-Box	CMR	23 (0.57)	Orange	BrakeBox®
6F-246-DB	4X23 Category 6A F/UTP (ScTP) / CMP / Orange / 1K FT Reel-in-Box	CMP	23 (0.57)	Orange	BrakeBox®

Part Number ▲	Product Name ▲	Safety Listing ▲	AWG (mm) ▲	Jacket Color ▲	Package ▲
6F-246-EB	4X23 Category 6A F/UTP (ScTP) / CMP / Black / 1K FT Reel-in-Box	CMP	23 (0.57)	Black	BrakeBox®
6F-272-2A	4X23 Category 6A F/UTP (ScTP) / CMR / Blue / 1K FT Reel	CMR	23 (0.57)	Blue	Reel
6F-272-2B	4X23 Category 6A F/UTP (ScTP) / CMP / Blue / 1K FT Reel	CMP	23 (0.57)	Blue	Reel
6F-272-3A	4X23 Category 6A F/UTP (ScTP) / CMR / Gray / 1K FT Reel	CMR	23 (0.57)	Gray	Reel
6F-272-3B	4X23 Category 6A F/UTP (ScTP) / CMP / Gray / 1K FT Reel	CMP	23 (0.57)	Gray	Reel
6F-272-4A	4X23 Category 6A F/UTP (ScTP) / CMR / White / 1K FT Reel	CMR	23 (0.57)	White	Reel
6F-272-4B	4X23 Category 6A F/UTP (ScTP) / CMP / White / 1K FT Reel	CMP	23 (0.57)	White	Reel
6F-272-5A	4X23 Category 6A F/UTP (ScTP) / CMR / Green / 1K FT Reel	CMR	23 (0.57)	Green	Reel
6F-272-5B	4X23 Category 6A F/UTP (ScTP) / CMP / Green / 1K FT Reel	CMP	23 (0.57)	Green	Reel
6F-272-6A	4X23 Category 6A F/UTP (ScTP) / CMR / Yellow / 1K FT Reel	CMR	23 (0.57)	Yellow	Reel
6F-272-6B	4X23 Category 6A F/UTP (ScTP) / CMP / Yellow / 1K FT Reel	CMP	23 (0.57)	Yellow	Reel

Part Number ▲	Product Name ▲	Safety Listing ▲	AWG (mm) ▲	Jacket Color ▲	Package ▲
6F-272-7A	4X23 Category 6A F/UTP (ScTP) / CMR / Purple / 1K FT Reel	CMR	23 (0.57)	Purple	Reel
6F-272-7B	4X23 Category 6A F/UTP (ScTP) / CMP / Purple / 1K FT Reel	CMP	23 (0.57)	Purple	Reel
6F-272-9A	4X23 Category 6A F/UTP (ScTP) / CMR / Red / 1K FT Reel	CMR	23 (0.57)	Red	Reel
6F-272-9B	4X23 Category 6A F/UTP (ScTP) / CMP / Red / 1K FT Reel	CMP	23 (0.57)	Red	Reel
6F-272-BA	4X23 Category 6A F/UTP (ScTP) / CMR / Brown / 1K FT Reel	CMR	23 (0.57)	Brown	Reel
6F-272-BB	4X23 Category 6A F/UTP (ScTP) / CMP / Brown / 1K FT Reel	CMP	23 (0.57)	Brown	Reel
6F-272-CB	4X23 Category 6A F/UTP (ScTP) / CMP / Pink / 1K FT Reel	CMP	23 (0.57)	Pink	Reel
6F-272-DA	4X23 Category 6A F/UTP (ScTP) / CMR / Orange / 1K FT Reel	CMR	23 (0.57)	Orange	Reel
6F-272-DB	4X23 Category 6A F/UTP (ScTP) / CMP / Orange / 1K FT Reel	CMP	23 (0.57)	Orange	Reel
6F-272-EA	4X23 Category 6A F/UTP (ScTP) / CMR / Black / 1K FT Reel	CMR	23 (0.57)	Black	Reel
6F-272-EB	4X23 Category 6A F/UTP (ScTP) / CMP / Black / 1K FT Reel	CMP	23 (0.57)	Black	Reel
6F-273-2A	4X23 Category 6A F/UTP (ScTP) / CMR / Blue / 2.5K FT Reel	CMR	23 (0.57)	Blue	Reel

Part Number ▲	Product Name ▲	Safety Listing ▲	AWG (mm) ▲	Jacket Color ▲	Package ▲
6F-273-2B	4X23 Category 6A F/UTP (ScTP) / CMP / Blue / 2.5K FT Reel	CMP	23 (0.57)	Blue	Reel
6F-273-3B	4X23 Category 6A F/UTP (ScTP) / CMP / Gray / 2.5K FT Reel	CMP	23 (0.57)	Gray	Reel
6F-273-4B	4X23 Category 6A F/UTP (ScTP) / CMP / White / 2.5K FT Reel	CMP	23 (0.57)	White	Reel
6F-273-5B	4X23 Category 6A F/UTP (ScTP) / CMP / Green / 2.5K FT Reel	CMP	23 (0.57)	Green	Reel
6F-273-9B	4X23 Category 6A F/UTP (ScTP) / CMP / Red / 2.5K FT Reel	CMP	23 (0.57)	Red	Reel
6F-273-CB	4X23 Category 6A F/UTP (ScTP) / CMP / Pink / 2.5K FT Reel	CMP	23 (0.57)	Pink	Reel
6F-273-DB	4X23 Category 6A F/UTP (ScTP) / CMP / Orange / 2.5K FT Reel	CMP	23 (0.57)	Orange	Reel
6F-273-EB	4X23 Category 6A F/UTP (ScTP) / CMP / Black / 2.5K FT Reel	CMP	23 (0.57)	Black	Reel
6F-299-2A	4X23 Category 6A F/UTP (ScTP) / CMR / Blue / Master	CMR	23 (0.57)	Blue	Reel
6F-299-2B	4X23 Category 6A F/UTP (ScTP) / CMP / Blue / Master	CMP	23 (0.57)	Blue	Reel
6F-299-3B	4X23 Category 6A F/UTP (ScTP) / CMP / Gray / Master	CMP	23 (0.57)	Gray	Reel

Part Number ▲	Product Name ▲	Safety Listing ▲	AWG (mm) ▲	Jacket Color ▲	Package ▲
6F-299-4B	4X23 Category 6A F/UTP (ScTP) / CMP / White / Master	CMP	23 (0.57)	White	Reel
6F-299-5B	4X23 Category 6A F/UTP (ScTP) / CMP / Green / Master	CMP	23 (0.57)	Green	Reel
6F-299-7A	4X23 Category 6A F/UTP (ScTP) / CMP / Purple / Master	CMR	23 (0.57)	Purple	Reel
6F-299-9A	4X23 Category 6A F/UTP (ScTP) / CMR / Red / Master	CMR	23 (0.57)	Red	Reel
6F-299-9B	4X23 Category 6A F/UTP (ScTP) / CMP / Red / Master	CMP	23 (0.57)	Red	Reel
6F-299-CB	4X23 Category 6A F/UTP (ScTP) / CMP / Pink / Master	CMP	23 (0.57)	Pink	Reel
6F-299-EA	4X23 Category 6A F/UTP (ScTP) / CMR / Black / Master	CMR	23 (0.57)	Black	Reel
6F-299-EB	4X23 Category 6A F/UTP (ScTP) / CMP / Black / Master	CMP	23 (0.57)	Black	Reel

Everywhere You Live and Work®

