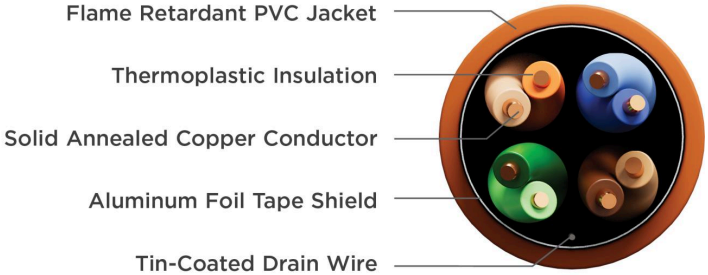
Premises Copper > Category 5e+ > 4 Pairs > 24 AWG

4x24 Category 5e+ F/UTP (ScTP) / CMP / Orange

CMP

Part Number: 5F-220-D8



MADE IN THE USA RoHS REACH

GENERAL SPECIFICATIONS

Jacket	Flame retardant, low smoke PVC
Jacket Color	Orange
Environment	Indoor
Standards Compliance	UL 444 CSA C22.2 No. 214-08 UL 1666 NFPA 262 ANSI/TIA-568.2-D ANSI/ICEA S-90-661-2012 Article 800, NEC (NFPA 70)
NRTL Programs	UL Verified CAT 5e UL, c(UL) Listed CMP

COPPER SPECIFICATIONS

Pairs	4
Conductor	Solid annealed copper
Conductor Count	8
AWG (mm)	24 (0.51)
Insulation	FEP
Insulation Colors	Color Tip®: Light Blue/Blue, Light Orange/Orange, Light Green/Green, Light Brown/Brown
Shield	Aluminum foil tape

COPPER SPECIFICATIONS

Drain Wire	24 AWG tinned copper
Characteristic Impedence (Ohms)	100 ± 15
Nominal Velocity of Propogation (%)	70

PHYSICAL CHARACTERISTICS

Nominal Diameter in (mm)	0.25 (6.4)
Nominal Weight lbs/kft (kg/km)	30 (45)
Package Type	Reel
Packages per Pallet	12

Product Description

Superior Essex offers Screen Twisted Pair (ScTP) shielded Category 5e+ cables in both plenum and riser versions. The cable has guaranteed performance out to 350 MHz and meets all applicable ANSI/TIA-568.2-D requirements. The cable consists of four balanced 24 AWG copper pairs. The core is wrapped with an aluminum foil tape and has a tin coated drain wire. The tape wrapped core is jacketed with the appropriate flexible PVC jacket for plenum or riser applications.

Applications

- 10BASE-T through 10GBASE-T Ethernet
- Power over Ethernet (PoE) - IEEE 802.3bt Type 1 to 4
- ATM and token ring
- Applications requiring secure networks or protection from EMI/RFI

Features	Benefits
• UL Certified Environmental Product Declaration (EPD)	• Contributes toward 1 LEED point under the Material and Resources credit (MRc)
• Health Product Declaration™ (HPD™)	• Contributes toward 1 LEED point under the MRc
• Multi-Attribute Certification by GreenCircle Certified, LLC	• Offers an overview of the sustainability of a product, its packaging and manufacturing
• Aluminum foil tape covers all 4-pair	• Protects against EMI/RFI and provides greater security
• Exceeds ANSI/TIA-568.2-D for CAT 5e cable performance	• Assures compliance for all current networking applications (up to 1000BASE-T)
• Guaranteed performance to 350 MHz	• Assures ample bandwidth headroom
• CableID® alpha numeric code printed every 2 feet	• Allows both ends of a cable run to be easily identifiable without the need to separately label or tone the cable

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- QuickCount® marking system in feet and meters
- ColorTip® circuit identification system
- Provides remaining length of cable on reel
- Easily identifiable conductor mates even in low-light environments
- Color coded box labels
- Easily identifies jacket colors

Technical Guideline

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