



# CAT5 ENHANCED 350MHZ

UTP PLENUM (CMP)

## DESCRIPTION

Category-5E, CMP Rated, 24AWG, UTP, 8C Solid Bare Copper, 350MHz, 1000ft

## FEATURES

- High-Performance Category-5E Data Cable
- 350Mhz Bandwidth for Data Applications
- Faster Ethernet and 155Mbps TP-PMD/CDDI
- Flame Retardant, Plenum Rated
- Fast Ethernet and 155Mbps TP-PMD/CDDI
- Unshielded Twisted Pair (UTP) Cable
- Easily Identified Color-Striped Pairs
- 24AWG Solid Bare Copper Conductors
- Exceeds TIA/EIA 568-C.2 specification
- Excellent Attenuation and Crosstalk Characteristics
- UL Listed, RoHS Compliant, TAA Compliant
- 1000ft Pull Box

## SKU: 056 SERIES

### Technical Data

Rated Temperature	75°C
Rated Voltage	30V
Product Standar Certification	CMP
NVP	69%
<b>Conductor</b>	<b>Solid Bare Copper</b>
Size	24 AWG
<b>Insulation</b>	FEP
Thickness (mm)	0.20mm
<b>Jacket</b>	<b>FR-PVC</b>
Outer Diameter	5.3mm
Rip Cord	Yes

### Color of Pairs

Pair 1	Blue, White-Blue
Pair 2	Orange, White-Orange
Pair 3	Green, White-Green
Pair 4	Brown, White-Brown

### Mechanical Characteristics

Standard	ANSI TIA/EIA-568 C.2
Impedance	100Ω±15%

### Standards

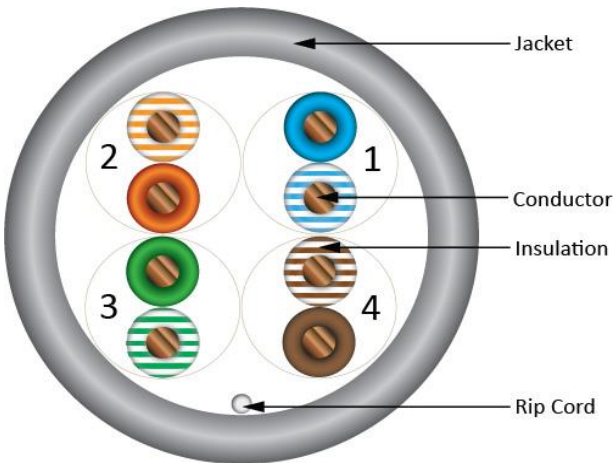
UL, cUL (E191257)  
 ETL Verified to ANSI/TIA 568-C.2 Category-5E

### Applications

ANSI X3T9.5 TP-PMD (FDDI), ATM PMD 155 Mbps  
 IEEE 802.3 Fast Ethernet : 10 Base-T4, 100 Base-X  
 IEEE 802.5 :4/16 Mbps Token Ring, IEEE 802.12 :100 Base-VG

### Jacket Printing

Vertical Cable E191267 (UL) c(UL) 4PR 24AWG CMP FT6 -  
 ETL CAT5E VERIFIED TO TIA/EIA 568-C.2 ROHS COMPLIANT  
 V1395P8383 1000FT



Jacket color available in

Black, Blue, Green, Gray, Orange, Pink, Purple, Red, White, Ye



website: [www.fastercables.com](http://www.fastercables.com)

phone: 866-954-8844



Specs subject to change with no notice

It is the sole responsibility of the user to have the most current specs

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### PERFORMANCE

#### Electrical Characteristics:

Conductor Resistance	9.38 $\Omega$ /100m Max
Mutual Capacitance	5.6 nF/100m Max
Resistance Unbalance	5% Max
Capacitance Unbalance	330 pF/100m Max

Frequency (MHz)	Attenuation Min. dB/100m	Return Loss Min. dB/100m	NEXT Min. dB/100m
1	2.0	20.0	65.3
4	4.1	23.0	56.3
8	5.8	24.5	51.8
10	6.5	25.0	50.3
16	8.2	25.0	47.2
20	9.3	25.0	45.8
25	10.4	24.3	44.3
31.25	11.7	23.6	42.9
62.5	17.0	21.5	38.4
100	22.0	20.1	35.3
155	28.1	18.8	32.4
200	32.4	18.0	30.8
250	36.9	17.3	29.3
300	41.0	16.8	28.1
350	44.9	16.3	27.1

Frequency (Mhz)	P.S NEXT Min. dB/100m	ACRF Min. dB/100m	P.S ELNEXT Min. dB/100m
1	62.3	63.8	60.8
4	53.3	51.7	48.8
8	48.8	45.7	42.7
10	47.3	43.8	40.8
16	44.3	39.7	36.7
20	42.8	37.8	34.8
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.9	24.9
100	32.3	23.8	20.8
155	29.4	20.0	17.0
200	27.8	17.8	14.8
250	26.3	15.8	12.8
300	25.1	14.3	11.3
350	24.1	12.9	9.9



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