

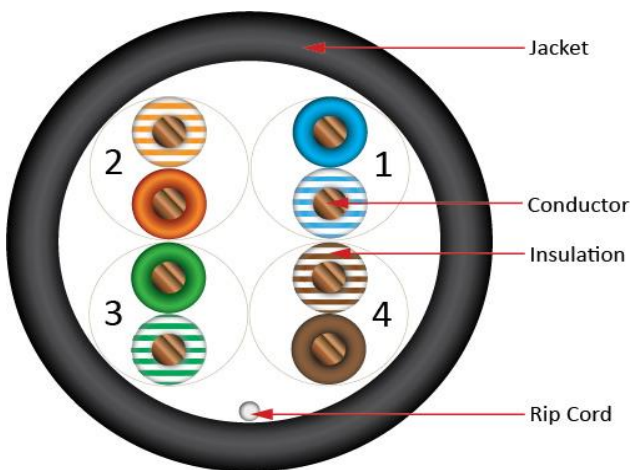


DESCRIPTION

Category-5E 24AWG, UTP, 8C Solid
Bare Copper, CMR Rated, PVC Jacket, 1000ft

FEATURES

- High-Performance Data Cable
- 350Mhz Bandwidth for Data Applications
- Category-5E Unshielded Twisted Pair
- 24AWG Solid Copper Conductors
- Easily Identified Color-Striped Pairs
- Exceeds TIA/EIA 568-C.2, ISO/IEC 11801
- Riser Rated PVC Jacket, CMR
- ETL Listed, RoHS Compliant
- 1000ft Pull Box



CAT5 ENHANCED 350MHz

UTP CMR RATED

SKU: 054 SERIES

Technical Data

Rated Temperature	75°C
Rated Voltage	60V
Product Standard Certification	CMR
NVP	69%
Conductor	Solid Bare Copper
Size	24 AWG
Insulation	PE
Average Thickness (mm)	0.203
Min. Point Thickness (mm)	0.172
Insulation Diameter (±0.10mm)	0.88
Twisted Pair Diameter (±0.01)	1.76
Assembly Diameter	3.6
Jacket	PVC
Average Thickness (mm)	0.60
Min. Point Thickness (mm)	0.54
Outer Diameter (±0.10)	5.00
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	
Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	≥13.8
Aging Elongation (%)	≥100
Aging Condition (°Cxhrs)	100x168
After Tensile Strength (Mpa)	≥85% of unaged
Aging Elongation (%)	≥50% of unaged
Cold Bend (-20±2° Cx4hrs)	No Crack

Marking on Jacket

VERTICAL 4003289 ETL VERIFIED CAT5E TO TIA-568C.2 ISO/IEC
11801:200 CMR 24 AWG UTP c(ETL)us FT4 350MHz XXXFT
(SEQUENTIAL FOOT MARKERS ON JACKET)

Jacket color available in

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

MADE IN CHINA



website: 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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CAT5 ENHANCED 350MHz

UTP CMR RATED

PERFORMANCE

Electrical Characteristics:

1.0-100MHz Impedance (Ohms)	100±15
100-200MHz Impedance (Ohms)	100±15
200-350MHz Impedance (Ohms)	100±15

1.0-350MHz Delay Skew (ns/100m)	≤45
Pair-to-Ground Capacitance Unbalance (pF/100m)	≤330
Max. Conductor DC Resistance 20°C (ohms/km)	93.8
Resistance Unbalance (%)	≤5

Frequency (MHz)	Return Loss (Min dB)	Attenuation Max	NEXT (ns/100m)	ACR Typ(db)
0.772	19.4	1.8	67.0	67.7
1	20.0	2.0	65.3	67.3
4	23.0	4.1	56.3	56.2
8	24.5	5.8	51.8	50.0
10	25.0	6.5	50.3	47.8
16	25.0	8.2	47.3	44.0
20	25.0	9.3	45.8	41.5
25	24.3	10.4	44.3	38.9
31.25	23.6	11.7	42.9	36.2
62.5	21.5	17.0	38.4	27.4
100	20.1	22.0	35.3	19.3
200	18.0	32.4	30.8	3.5
300	16.8	41.0	28.2	
350	16.3	44.9	27.2	

Frequency (Mhz)	PSNext (Min dB)	ELFEXT Min(db/100m)	PSELNEXT Min(db/100m)
0.772	64.0	66.0	63.0
1	62.3	63.8	60.8
4	53.3	51.7	48.7
8	48.8	45.7	42.7
10	47.3	43.8	40.8
16	44.3	39.7	36.7
20	42.8	37.7	34.7
25	41.3	35.8	32.8
31.25	39.9	33.9	30.9
62.5	35.4	27.8	24.8
100	32.3	23.8	20.8
200	27.8	17.7	14.7
300	25.2	14.2	11.2
350	24.2	12.9	9.9



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