

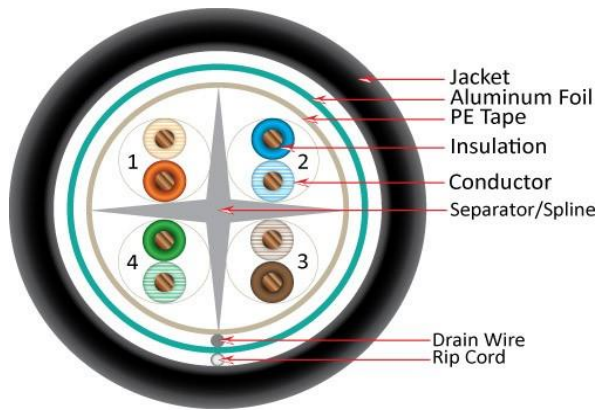


DESCRIPTION

Category-6, 23AWG, F/UTP, 8C Solid Copper, 500MHZZ, Riser Rated, PVC Jacket 1000ft

FEATURES

- Category-6 Shielded Twisted Pair
- 23AWG Solid Bare Copper Conductors
- High-Performance Data Cable
- 550MHz Bandwidth for Data Applications,
- Fast Ethernet and 155Mbps TP-PMD/CDDI
- Exceeds EIA/TIA 568-C.2, ISO/IEC-11801
- Riser Rated (CMR)
- ETL Listed, RoHS Compliant
- 1000ft Wooden Spool
- 14in(W)x10in(H)



CAT6 HIGH GRADE 550MHZ

F/UTP CMR RATED (SHIELDED)

SKU: 062 SERIES

Technical Data

Rated Temperature	75°C
Rated Voltage	30V
Product Standar Certification	CMR
NVP	70%
Conductor	Solid Bare Copper
Size	23 AWG
Insulation	HDPE
Average Thickness (mm)	0.29
Insulation Diameter (±0.10mm)	1.15
Filter	LDPE
Bond	PE Tape
Shield	AL-Foil
Drain Wire (TC)	0.5
Jacket	PVC
Average Thickness (mm)	0.64
Outer Diameter (±0.10mm)	7.6
Rip Cord	Yes
Color of Pairs	
Pair 1	Blue, White-Blue
Pair 2	Orange, White-Orange
Pair3	Green, White-Green
Pair 4	Brown, White-Brown
Mechanical Characteristics	
Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	≥10.34
Aging Elongation (%)	≥100
Aging Condition (°Cxhrs)	100x168
After Tensile Strength (Mpa)	≥7.21
Aging Elongation (%)	≥45%
Cold Bend (-20±2° Cx4hrs)	No Crack

Marking on Jacket

VERTICAL 4001453 c (ETL) VERIFIED CMR FT4 F/UTP SHIELDED 4PR
23AWG CAT6 550MHz TIA/EIA-568.2 ISO/IEC 11801:2002 RoHS
XXXFT
(SEQUENTIAL FOOT MARKERS ON JACKET)

Jacket color available in
Blue, Black, Green, Gray, Red, White, Yellow



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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CAT6 HIGH GRADE 550MHZ

F/UTP CMR RATED (SHIELDED)

PERFORMANCE

Electrical Characteristics:

1.0-100MHz Impedance (Ω)	100 $\pm$ 15
100-200MHz Impedance (Ω)	100 $\pm$ 20
200-550MHz Impedance (Ω)	100 $\pm$ 25
1-550MHz Delay Skew (ns/100m)	$\leq$ 45
Pair-to-Ground Capacitance Unbalance (pF/100m)	$\leq$ 330
Max. Conductor DC Resistance 20°C (Ω /km)	$\leq$ 9.38
Resistance Unbalance (%)	$\leq$ 4

Frequency (MHz)	Return Loss (Min dB)	Attenuation Max (dB/100m)	Next (Min dB)
0.772	19.4	1.8	76
1	20	2	74.3
4	23	3.8	65.3
8	24.5	5.3	60.8
10	25	6	59.3
16	25	7.6	56.2
20	25	8.5	54.8
25	24.3	9.5	53.3
31.25	23.6	10.7	51.9
62.5	21.5	15.4	47.4
100	20.1	19.8	44.3
200	18	29	39.8
250	17.3	32.8	38.3
350	16.3	39.8	36.1
450	15.5	46	34.5
550	14.9	51.7	33.2

Frequency (Mhz)	PSNexr Min (dB)	ELFEXT Min(db/100m)	Delay Max(ns/100m)
0.772	74	70	
1	72.3	67.8	570
4	63.3	55.8	552
8	58.8	49.7	546
10	57.3	47.8	545
16	54.2	43.7	543
20	52.8	41.8	542
25	51.3	39.8	541
31.25	49.9	37.9	540
62.5	45.4	31.9	538
100	42.3	27.8	537
200	37.8	21.8	536
250	36.3	19.8	536
350	34.1	17.1	535
450	32.5	15.2	534
550	31.2	13.2	532



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