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Category 6 4/24 UTP Cable 〉

FEATURES AND ADVANTAGES
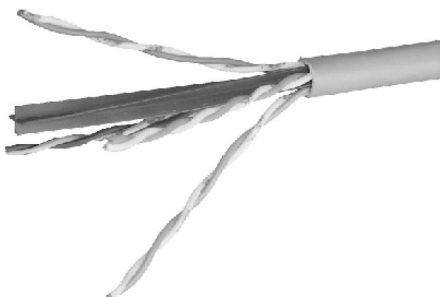
Compliant to ANSI/TIA-568.2-D and ISO/IEC 11801

Supports ultrahigh speed data networks such as Gigabit Ethernet (1000 Base-T and 1000 Base-TX) and beyond

Incorporates central spine maintaining pair separation during installation to ensure premium performance after installation.

CM rated cable

Supplied in convenient 305m/Reel in box

ROHS Compliant

SPECIFICATIONS

Commercial Standards

ANSI/TIA-568.2-D
ISO/IEC 11801

RoHS Compliant

Construction

Conductor:	24 AWG Solid bare Copper 0.540 ± 0.010 mm
Insulation:	High Density Polyethylene Solid
Pairs:	2 Insulated conductors twisted together
Sheath:	FR PVC
Cable Diameter:	5.9 ± 0.3 mm

Mechanical

Bending Radius:	< 4 X Cable Diameter at –20°C ± 1°C
Pulling Force:	11.5Kg
Temperature Range	
Operation:	-20° to +70°C
Installation:	0° to + 50°C

Electrical

Conductor Resistance:	< 9.38W/100m
Mutual Capacitance:	< 5.6nF/100m
Resistance Unbalance:	5% Max
Capacitance Unbalance:	330pF/100m
Delay Skew:	< 45nS

Color Code

Pair No.	Color:
1-2	White-Orange Stripe and Orange
3-6	White-Green Stripe and Green
4-5	White-Blue Stripe and Blue
7-8	White-Brown Stripe and Brown

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TRANSMISSION PROPERTIES

Freq.	Insertion Loss Max.	NEXT Min.	RL Min.	PS NEXT Min.	ACR-F Min.	PS ACR-F Min.
MHz	dB	dB	dB	dB	dB	dB
1	1.9	65.0	19.1	62.0	64.2	61.2
4	3.5	64.1	21.0	61.8	52.1	49.1
8	5.0	59.4	21.0	57.0	46.1	43.1
10	5.5	57.8	21.0	55.5	44.2	41.2
16	7.0	54.6	20.0	52.2	40.1	37.1
20	7.9	53.1	19.5	50.7	38.2	35.2
25	8.9	51.5	19.0	49.1	36.2	33.2
31.25	10.0	50	18.5	47.5	34.3	31.3
62.5	14.4	45.1	16.0	42.7	28.3	25.3
100	18.6	41.8	14.0	39.3	24.2	21.2
200	27.4	36.9	11.0	34.3	18.2	15.2
250	31.1	35.3	10.0	32.7	16.2	13.2

ORDERING INFORMATION

Order No.	Description
CAA-00391-LG	Cat6 UTP 4 Pair Cable, CM Rated, 305m/reel in box, 24AWG, FRPVC, Light Grey
CAA-00391-YL	Cat6 UTP 4 Pair Cable, CM Rated, 305m/reel in box, 24AWG, FRPVC, Yellow
CAA-00391-0E	Cat6 UTP 4 Pair Cable, CM Rated, 305m/reel in box, 24AWG, FRPVC, Grey
CAA-00391-RD	Cat6 UTP 4 Pair Cable, CM Rated, 305m/reel in box, 24AWG, FRPVC, Red
CAA-00391-0H	Cat6 UTP 4 Pair Cable, CM Rated, 305m/reel in box, 24AWG, FRPVC, Blue

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