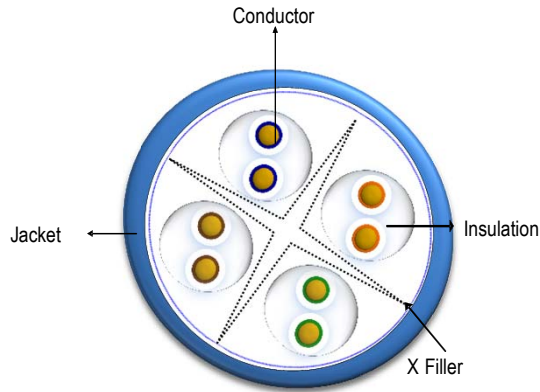


UTP 4PAIR 23AWG CAT 6A 10G PVC CABLE
Cross Section

Part No.: 6ACMR234R0
Construction

Conductor	Solid Bare Copper
AWG	23
Conductor Dia.(mm)	0.540
Insulation	HDPE
Average Thickness(mm)	0.23
Jacket	PVC
Outer Dia.(±0.2mm)	8.5
Rip Cord	Per request

Description

Voltage Rating 300V

Application
10GBASE-T Ethernet, 100BASE-TX Fast Ethernet, 1000BASE-TX Gigabit Ethernet, 10BASE-TX Ethernet, ATM CB1G, 155/622 Mbps ATM, 1000BASE-T Gigabit Ethernet, 100 Mbps TP-PDM, 100VG-AnyLAN, 4/16 Mbps Token Ring

Reference Standard
TIA/EIA- 568B.2 -10 & ISO/IEC11801

Insulation Colors

Pair 1:	Blue, White/Blue
Pair 2:	Orange, White/Orange
Pair 3:	Green, White/Green
Pair 4:	Brown, White/Brown

Jacket Colors

Standard	Blue
Special	Per customer request

Electrical Characteristics:

Frequency (MHz)	Impedance (Ohm)	Attenuation (Patch) (dB)	Return Loss (Patch) (dB)	Pr-Pr NEXT (dB/100m)	PSNEXT (dB/100m)	Pr-Pr ACR (dB/100m)	PSACR (dB/100m)	Pr-Pr ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	100 ± 15	2.0	20.0	74.3	72.3	72.3	70.3	67.8	64.8
4	100 ± 15	3.7	23.0	65.3	63.3	61.5	59.5	55.8	52.8
8	100 ± 15	5.2	24.5	60.8	58.8	55.5	53.5	49.7	46.7
10	100 ± 15	5.9	25.0	59.3	57.3	53.4	51.4	47.8	44.8
16	100 ± 15	7.4	25.0	56.2	54.2	48.8	46.8	43.7	40.7
20	100 ± 15	8.3	25.0	54.8	52.8	46.5	44.5	41.8	38.8
25	100 ± 15	9.3	24.3	53.3	51.3	44.0	42.0	39.8	36.8
31.25	100 ± 15	10.4	23.6	51.9	49.9	41.5	39.5	37.9	34.9
62.5	100 ± 15	14.9	21.5	47.4	45.4	32.5	30.5	31.9	28.9
100	100 ± 15	19.0	20.1	44.3	42.3	25.3	23.3	27.8	24.8
155	100 ± 15	24.0	18.8	41.4	39.4	17.5	15.5	24.0	21.0
200	100 ± 15	27.5	18.0	39.8	37.8	12.3	10.3	21.8	18.8
250	100 ± 15	31.0	17.3	38.3	36.3	7.4	5.4	19.8	16.8
300	100 ± 15	34.2	16.8	37.1	35.1	3.0	1.0	18.3	15.3
350	100 ± 15	37.2	16.3	36.1	34.1	-1.0	-3.0	16.9	13.9
400	100 ± 15	40.0	15.9	35.3	33.3	-4.7	-6.7	15.8	12.8
450	100 ± 15	42.7	15.5	34.5	32.5	-8.2	-10.2	14.7	11.7
500	100 ± 15	45.3	15.2	33.8	31.8	-11.4	-13.4	13.8	10.8
550	100 ± 15	45.3	15.2	33.8	31.8	-11.4	-13.4	13.8	10.8

Standard Packaging


Wooden Reel
Weight: 44 lbs

Electrical Properties

1.0-100.0MH impedance(ohms)	100Ω±15Ω
1.0-100.0MH Delay Skew(ns/100m)	<=45
Pair-to-Ground Capacitance Unbalance(pF/100m)	<=330
Max. Conductor DC Resistance 20°C (ohms/km)	9.38Ω/100m
Resistance Unbalance(%)	<=5
Max Mutual Capacitance	5.6nF/100m
Max DC Loop Resistance	19.2Ω/100m
Min DC Insulation Resistance	150MΩ/Km
Max Propagation Delay Skew	2ns/ft, 40ns/100m

*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.