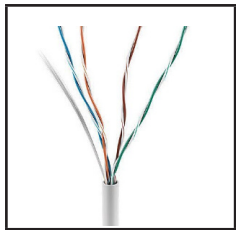


CAT 5E GENERAL PURPOSE CABLE

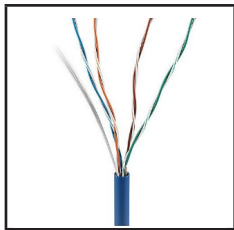
24/4 CM 1000FT EXPRESS BOX



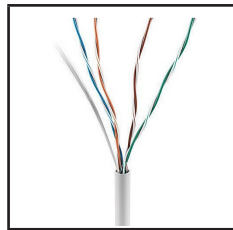
SPEC SHEET



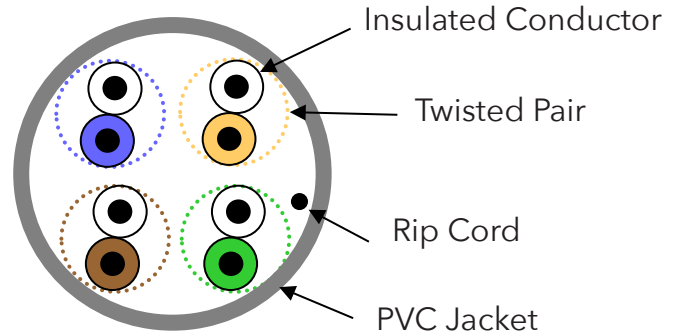
WG-63301101



WG-63301106



WG-63301109



PHYSICAL CHARACTERISTICS

Conductors: 24 AWG Solid Bare Annealed Copper

Insulation: Solid High Density Polyethylene

Ratings: CM, Sunlight-Resistant

Conductor Color Code:

Pair No	A-Wire		B-Wire	
	Base	Stripe	Base	Stripe
1	White	Blue	Blue	-
2	White	Orange	Orange	-
3	White	Green	Green	-
4	White	Brown	Brown	-

Rip Cord: Applied Longitudinally Under Jacket

Jacket: Flame Retardant PVC

Jacket Legend:

- 0000FT CAT5E 4PR 24AWG E507576(UL) CM c(UL)us 75C (RoHS)
 UL VERIFIED TO TIA-568.2-D CAT5E ##### RM# A B C D E F 1 2 3 4
 5 6 7 8 9

Nominal Cable Diameter (in.): 0.193

Tensile Strength: 17.24MPa

Elongation: 100%

Temperature Rating: -20°C - 75°C

Applications

IEEE802.3 : 1000BASE-T
 (Gigabit Ethernet)
 100Base-TX, 10 BASE-T, 155Mp/s,
 622Mp/s ATM, ANSI x3.263:100Mb/s
 4/16Mb/s Token Ring, Broadband and
 Baseband Analog Video



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CAT 5E GENERAL PURPOSE CABLE 24/4 CM 1000FT EXPRESS BOX



STANDARD COMPLIANCE

ANSI/TIA-568.2-D

ANSI/TIA-862 (Building Automation)

IEC 11801 Ed.2.0 (Class D)

ICEA-90-661 (Category 5e)

UL 444

RoHs Compliant Directive 2011/65 EU

CERTIFICATION



CERTIFICATION FOR MANAGEMENT SYSTEMS
ISO 9001:2008, ISO14001:2004, OHAS 18001

Electrical Characteristics

Max. Capacity (nF/100m @ 1kHz)	Max. DC Resistance (Ω /100m @ 68°F)	Dielectric Strength (DC-kV, 2s)	Characteristic Impedance (Ω 1-100 MHz)
5.6	9.38	2.5	100 \pm 15

Frequency MHz	Insertion Loss Max. db/100m	NEXT Min. db/100m	PSNEXT Min. db/100m	ACRF Min. db/100m	PSACRF Min. db/100m	Return Loss Mi. db/100m	PD Max. ns/100m	PD Skew Max. ns/100m
1	2.0	65.3	62.3	63.3	60.8	20.0	570	45
4	4.1	56.3	53.3	51.8	48.8	23.0	552	45
10	6.5	50.3	47.3	43.8	40.8	25.0	545	45
16	8.2	47.2	44.2	39.7	36.7	25.0	543	45
20	9.3	45.8	42.8	37.8	34.8	25.0	542	45
31.25	11.7	42.9	39.9	33.9	30.9	23.6	540	45
62.5	17.0	38.4	35.4	27.9	24.9	21.5	539	45
100	22.0	35.3	32.3	23.8	20.8	20.1	538	45
200	32.4	30.8	27.8	17.8	14.8	18.0	537	45
350	44.9	27.1	24.1	12.9	9.9	16.3	536	45

*Spec meets ANSI/TIA 568.2-D standard. Sweep tested to 350MHz. All values are db/100m (328 ft.)

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