

PRIME[®]
Structured Cable

CATEGORY 5E UTP OUTDOOR BULK CABLE

BC11009071

Category 5E Bulk Cable

UTP 24AWG

Outdoor

1000 ft.

350 MHz

1 Color Available



100% Bare Copper
UL444

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CATEGORY 5E UTP OUTDOOR BULK CABLE

Standard Compliances

All Proposed Category 5e requirements as per ANSI/TIA, ISO/IEC Standards.

ANSI/TIA 568.2-D CAT.5e

ISO/IEC 11801-1 Edition 1.0

Our products always comply with ROHS and REACH Directives.

Construction & Characteristics

Number of Conductor Pairs: 4

Size: 24 AWG

Conductor Material: Bare Copper

Insulation Material: PE

Insulation Diameter: Nominal: 0.863 mm

Insulation Thickness: Nominal: 0.182 mm

Jacket Material: LDPE

Jacket Thickness: Nominal: 0.5 mm

Jacket Diameter: Nominal: 5.0 mm

Jacket Unaged Elongation: Min. 350%

Jacket Unaged Tensile Strength: Min. 0.989 Kgf/mm²

Color Jacket: Black

Aging Condition: 100°C x 168 hours

Min. elongation retention: 50%

Min. tensile strength retention: 75%

Application

General Outdoor Application

10BASE-T, 100BASE-TX Fast Ethernet (IEEE 802.3)

100 VG - AnyLAN(IEEE802.12), 155/622 Mbps ATM

550MHz Broadband Video

Voice, T1, ISDN

Electrical Characteristics

Dielectric Strength of Insulation: 2500 V dc or 1500 V ac / 2 seconds

Insulation Resistance Test: Min. 5000 MΩ/m

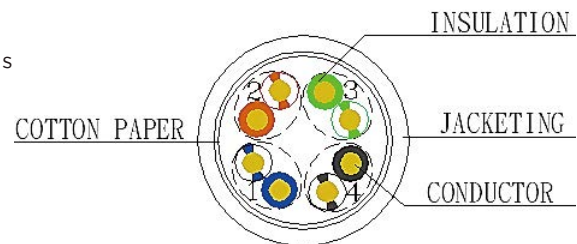
Conductor Resistance: Max. 9.38 Ω/100m at 20°C

Resistance Unbalance: Max. 2%

Capacitance Unbalance: Max. 160 pF/100m

Mutual Capacitance: Max. 5600 pF/100m

Characteristic Impedance: 100 ± 15 Ω



BC11009071 Electrical Performance

Frequency (MHz)	RL (dB), Min.	Attenuation (dB), Max.	NEXT (dB), Min.	PSNEXT (dB), Min.
1	19.0*	2.1*	60.0*	57.0*
4	19.0*	3.9*	54.8*	51.8*
8	19.0*	5.5*	50.0*	47.0*
10	19.0*	6.2*	48.5*	45.5*
16	19.0*	7.9*	45.2*	42.2*
20	19.0*	8.9*	43.7*	40.7*
25	18.0*	10.0*	42.1*	39.1*
31.25	17.1*	11.3*	40.5*	37.5*
62.5	14.1*	16.4*	35.7*	32.7*
100	12.0*	21.2*	32.3*	29.3*

The asterisked (*) value are for information only.