

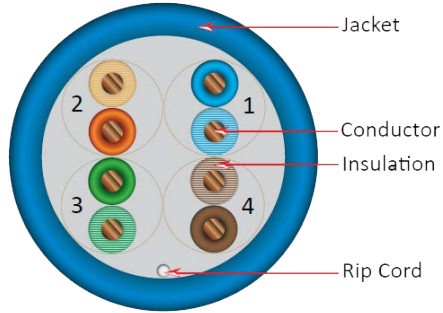


Cat6 Solid U/UTP 550MHz 23AWG CMP Plenum Bulk Cable

BK-C6E600-xx-V - Specifications

Description

This bulk CAT6 riser rated cable consists of 4 pairs of 23AWG solid bare copper wires. It is typically used in plenum environments as premise wiring and terminated from a patch panel to a Cat6 jack.



Physical Characteristics

Lengths Available	1000 foot [305m] Pull Box
Color	Blue/White
Outer Diameter	5.3mm
Wire Gauge	23AWG
Insulation	Fluorinated Ethylene Propylene (FEP)
Thickness	0.22mm
Conductor Material	Solid Bare Copper
Shielding	None
Jacket Material	Flame Retardant Poly Vinyl Chloride (FR-PVC)
Jacket Rating	CMP [Plenum Rated]
Separator (Divider)	No (Spline-less)
Rip Cord	Yes

Performance

Frequency	550MHz
Impedance	100Ω ± 15%
CAT6 UTP Test	Yes
Operating Temperature	-20°C ~ 70°C
Nominal Velocity of Propagation	69%
Conductor Resistance	93.8Ω/km 20°C Max
Mutual Capacitance	5.6nF/100m Max
Resistance Unbalance	5% Max
Capacitance Unbalance	330 pF/100m Max

Approvals

UL Listed	Yes
ANSI/TIA-568.C.2	Yes
TAA Compliant	Yes

Environmental

RoHS	Yes
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Packaging Information

Package Quantity	1 Pull Box
Cable Length	1000ft
Product Weight	33.50 lbs

Suitable Applications:

High Speed Horizontal Cabling, 1000 Base T.622 Mbps ATM, IEEE802.3 / IEEE802.5, Gigabit Ethernet



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Frequency (MHz)	Attenuation Min. dB/100m	Return Loss Min. dB/100m	NEXT Min. dB/100m	Frequency (MHz)	P.S NEXT Min. dB/100m	FEXT Min. dB/100m	P.S ELNEXT Min. dB/100m
1	2.0	21.0	74.3	1	72.3	67.8	64.8
4	3.8	23.4	65.3	4	63.3	55.7	52.7
8	5.4	24.6	60.8	8	58.8	49.7	46.7
10	6.0	25.0	59.3	10	57.3	47.8	44.8
16	7.7	25.0	56.3	16	54.3	43.7	40.7
20	8.6	25.0	54.8	20	52.8	41.7	38.7
25	9.6	24.3	53.3	25	51.3	39.8	36.8
31.25	10.8	23.6	51.9	31.25	49.9	37.9	34.9
62.5	15.7	21.5	47.4	62.5	45.4	31.8	28.8
100	20.2	20.1	44.3	100	42.3	27.8	24.8
200	29.8	18.0	39.8	200	37.0	21.7	18.7
250	33.8	17.3	38.3	250	36.3	19.8	16.8
300	34.9	16.8	37.1	300	35.1	18.3	15.3
350	36.3	16.3	36.1	350	34.1	16.9	13.9
400	39.6	15.9	35.3	400	33.3	15.8	12.8
500	45.4	15.2	33.8	500	31.8	13.8	10.8
550	48.3	14.9	33.2	550	31.2	13.0	10.0