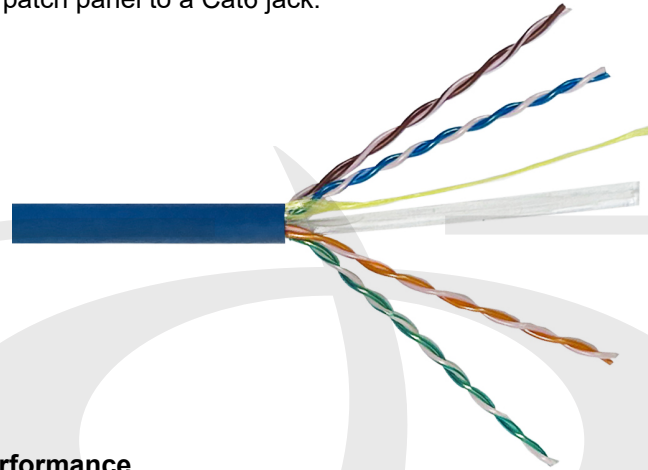
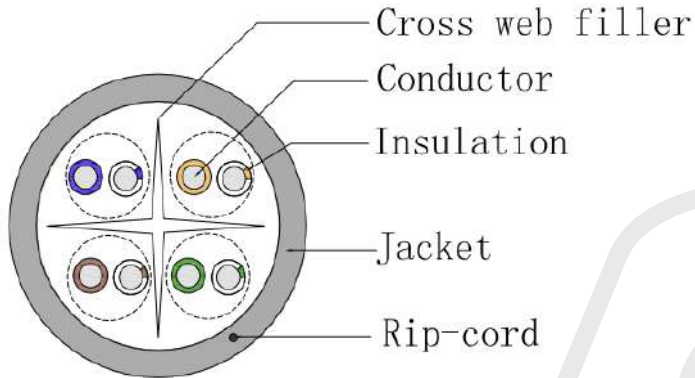


Description

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	Black/Blue/Green/Grey/Red/ White/Yellow
Cable Diameter	6.00mm
Wire Gauge	23AWG Solid
Insulation	0.98mm Color-coated PE * 4 Pairs 100%
Conductor Material	Bare Copper
Shielding	None
Jacket Material	PVC - Polyvinyl Chloride
Jacket Rating	CMP [Plenum Rated]

Performance

Frequency	550MHz
Fluke® CAT6 Channel Test	Yes
Fluke® CAT6 Permalink Test	Yes
Fluke® CAT6 Patch Cable Test	Yes
Operating Temperature	-20°C ~ 80°C
Voltage	300V
Velocity of propagation	≥ 65%
D-C Resistance Unbalance	≤ 5%
Capacitance	5.6nF/100m .Nom 9.38
DCR: Conductor	Ohms/100m.Nom
Characteristic Impedance	1-100MHz, 100±15%; 101-250MHz, 100±22%; 251-500MHz, 100±25%

Approvals

c(UL)us	Yes
ISO/IEC 9001	Yes
ANSI/TIA-568.C.2	Yes

Environmental

RoHS	Yes
Conflict Minerals Compliant	Yes

Packaging Information

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

Suitable Applications:

Premise Horizontal Cable, Ethernet 1000BASE-T, Ethernet 100BASE-TX, Ethernet 10BASE-T, 622 Mb/s ATM, 1.2 Gb/s ATM, 1.2/2.4 Gb/s ATM, Surveillance, PoE++, PoE+, PoE



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

BK-C6E600-xx - Specifications

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	ACRF (dB/)	PS.NEXT (dB)	PS.ACRF (dB)	RL (dB)	Delay (ns/100m)	Skew (ns/100m)
1	1.9	65.0	64.2	62.0	61.2	19.1	521	44
4	3.5	64.1	52.1	61.8	49.1	21.0	504	
8	5.0	59.4	46.1	57.0	43.1	21.0	500	
10	5.5	57.8	44.2	55.5	41.2	21.0	498	
16	7.0	54.6	40.1	52.2	37.1	20.0	496	
20	7.9	53.1	38.2	50.7	35.2	19.5	495	
25	8.9	51.5	36.2	49.1	33.2	19.0	495	
31.25	10.0	50.0	34.3	47.5	31.3	18.5	494	
62.5	14.4	45.1	28.3	42.7	25.3	16.0	492	
100	18.6	41.8	24.2	39.3	21.2	14.0	491	
200	27.4	36.9	18.2	34.3	15.2	11.0	490	
250	31.1	35.3	16.2	32.7	13.2	10.0	490	
*300	34.6	34.0	14.6	31.4	11.6	9.2	490	
*400	41.1	32.0	12.1	29.3	9.1	8.0	490	
*500	47.1	30.4	10.2	27.6	7.2	8.0	490	
*550	49.9	30.4	10.2	27.6	7.2	8.0	490	

Printing:

CAT6E 500MHz 23AWG 4P U/UTP CMP(-20Cto+80C)ANSI/TIA 568C.2 c(UL)us E345576 RoHS <Manufacture date> 002FT-----1000FT