

CAT6 F/UTP 23awg External Black Solid Cable

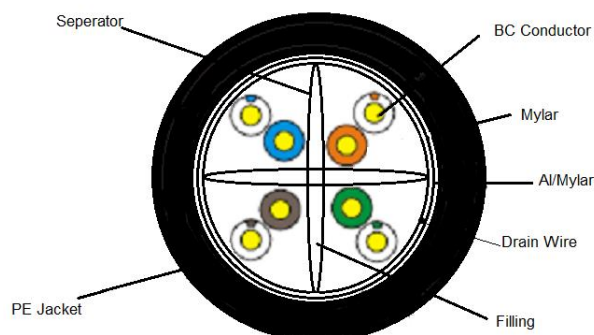


FEATURES

- External Grade
- Solid Bare Copper 23awg
- 305m Reel-in-a-box
- 550 MHz
- PE Black Sheath

Features:

- F/UTP Construction
- Black PE
7.5mm Overall Diameter
- Excellent NEXT and Return Loss Performance
- Supplied in 305m 'Reelex' box for ease and speed of installation



Product Overview:

Cat6 F/UTP External Cable offers Cat6 standards compliant performance and supports high speed protocols up to 1G Ethernet. The cable is backwards compatible to all preceding cabling categories, ensuring support of all IP applications designed to run over them.

The overall diameter of just 7.5mm with a AL/Mylar Screen. Supplied in 305m Reelex Box.



Technical Data:

Standards Compliant	ANSI/TIA-568-C.2, ISO/IEC 11801, BS EN 50173
Overall Diameter	7.5mm±0.4mm
Sheath Material	LDPE (Complies with ROHS)
Sheath Thickness	0.60±0.05mm
Conductor Material	Bare Copper, 23AWG 0.55±0.005mm
Insulation	HDPE 1.110±0.03mm
Screening Material	Mylar+ AL/Mylar
Drain Wire	0.45 Tinned Copper
Pulling Force	Max. 100N
Temperature Range	
- Storage	-40 to +60°C
- Installation	-20 to 50 °C
- Operation	-40 to 70 °C
Mean Characteristic Impedance	100 Ohms ± 15 Ohms @ 100MHz
Max. Delay Skew @ 100MHz	45 nsecs/100m
Cold Bend	(-20±2°Cx4h)
DC Resistance (Ohm/100m) Max	9.5
Nominal Velocity of Propagation (NVP)	68%

Transmission Characteristics:

Freq.	Attenuation	RL	NEXT	PS-NEXT	ELFEXT	PSELFEXT	Prop. Delay
MHz	max .dB/100m	min. dB at 20 °C	min. dB	min. dB	min. dB	min. dB	max. ns
1	2.03	20.0	74.3	72.3	67.8	64.8	570.00
4	3.78	23.0	65.3	63.3	55.8	52.8	552.00
8	5.32	24.5	60.8	58.8	49.7	46.7	546.73
10	5.95	25.0	59.3	57.3	47.8	44.8	545.38
16	7.55	25.0	56.2	54.2	43.7	40.7	543.00
20	8.47	25.0	54.8	52.8	41.8	38.8	542.05
25	9.51	24.3	53.3	51.3	39.8	36.8	541.20
31.25	10.67	23.6	51.9	49.9	37.9	34.9	540.44
62.5	15.38	21.5	47.7	45.4	31.9	28.9	538.55
100	19.80	20.1	44.3	42.3	27.8	24.8	537.60
200	28.98	18.0	39.8	37.8	21.8	18.8	536.54
250	32.85	17.3	38.3	36.3	19.8	16.8	536.27

Ordering Information:

Part No.	Description
XX60006	CAT6 F/UTP External Solid Black Cable (305m Box)

