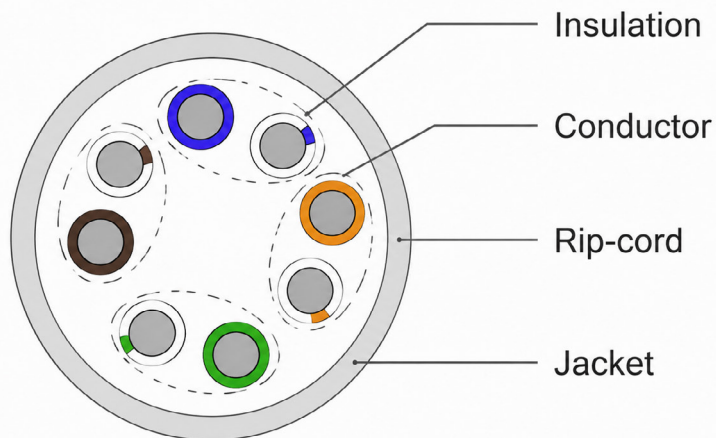


CAT6 UTP FT4/CMR UL-444 CABLE

INW-CAT6FT4-CMR



CABLE CONSTRUCTION



Ordering information**CAT6 UTP FT4/CMR UL444 Cable; 1000' BOX; WHITE****Center Conductor****Material**

Solid Bare Copper

Size

23AWG (0.56 ± 0.01mm)

Insulation**Material**

FEP

Outside Diameter

1.02 ± 0.05mm

Pair Color code

Pair 1: Brown / White-Brown

Pair 2: Blue / White-Blue

Pair 3: Orange / White-Orange

Pair 4: Green / White-Green

Ripcord**Material**

Polyester

Jacket**Material**

CMR PVC

Wall Thickness

0.58mm

Outside Diameter

5.6 ± 0.3mm

Electrical Properties**Temperature Rating**

75°C

Voltage Rating

300 V

Capacitance

5.6nF / 100m .Nom

Characteristic Impedance

1-100MHz, 100 ± 15%; 101-250MHz, 100 ± 22%

Velocity of propagation

≥ 65%

DCR Conductor

9.38 Ohms / 100m.Nom

D-C Resistance Unbalance

≤ 5%

Frequency (MHz)	Attenuation (dB/100m)	Next (dB)	ACRF (dB/)	PS.NEXT (dB)	PS.ACRF (dB)	RL (dB)	Delay (ns/100m)	Skew (ns/100m)
1	2.0	74.3	67.8	72.3	64.8	20.0	570	45
4	3.8	65.3	55.8	63.3	52.8	23.0	552	
8	5.3	60.8	49.7	58.8	46.7	24.5	547	
10	6.0	59.3	47.8	57.3	44.8	25.0	545	
16	7.6	56.2	43.7	54.2	40.7	25.0	543	
20	8.5	54.8	41.8	52.8	38.8	25.0	542	
25	9.5	53.3	39.8	51.3	36.8	24.3	541	
31.25	10.7	51.9	37.9	49.9	34.9	23.6	540	
62.5	15.4	47.4	31.9	45.4	28.9	21.5	539	
100	19.8	44.3	27.8	42.3	24.8	20.01	538	
200	29	39.8	21.8	37.8	18.8	18.0	537	
250	32.8	38.3	19.8	36.3	16.8	17.3	536	
300	36.4	37.1	18.3	35.1	15.3	16.8	536	
350	39.8	36.1	16.9	34.1	13.9	16.3	536	
400	43.0	35.3	15.8	33.3	12.8	15.9	536	
500	48.9	33.8	13.8	31.8	10.8	15.2	536	
550	50.1	31.9	13.1	30.7	9.9	14.7	535	