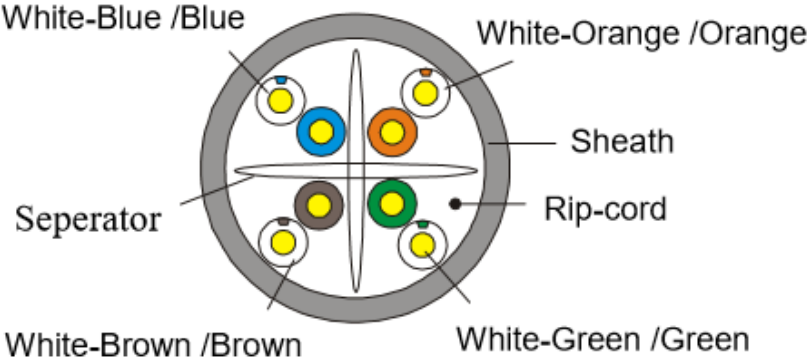


UTP 4-pair Cat-6 CM



Features:

- Standards ISO/IEC11801, IEEE 802.3af, TIA-568-C.2 ANSI/EIA/TIA 568-C.2 & ISO/IEC 11801, UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance, UL ANSI 444 - Communication Cables
- CM Rated
- Solid Bare Copper
- Twisted-pair construction
- Applications: Suitable for Data Applications, Gigabit Ethernet, Fast Ethernet

Conductor	Material	Solid Bare Copper		
	Nominal O.D. (mm)	0.550	Up	+0.005
			down	-0.005
Insulation	Material	HDPE		
	Diameter	0.98±0.03mm		
Jacket	Thickness	0.55±0.05 mm		
	External O.D.	6.0±0.4 mm		
	Surface	Clean, Frap, Satiation		
	Material	PVC(complies RoHS),CM		
	Color	Gray, Blue or Red		
Surface Printing	Letter height	3.0±0.3mm		
	Color	Black		
	Print error & Space	≤ ±0.5%, 1m		
Core Color	1 White- Blue /Blue	2 White-Orange /Orange		

	3 White-Green /Green	4 White- Brown /Brown
Packing length	(305±1.5)m	
Rip cord	Yes	Drain Wire No
Jacket Physical Properties	Before Aging Tensile Strength (Mpa)	≥13.5
	Elongation(%)	≥150
	Aging Period (× hrs)	100 ×24h×7d °C °C
	After Aging Tensile Strength(Mpa)	≥12.5
	Elongation(%)	≥125
	Cold bend(-20±2 ×4h) °C 8×Cable O.D., No visible cracks	
Standards:	ISO/IEC11801, IEEE 802.3af, TIA-568-C.2 ANSI/EIA/TIA 568-C.2 & ISO/IEC 11801, UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance, UL ANSI 444 - Communication Cables	

Electrical Characteristics (20°C):

1.0-250.0MHz	Impedance ((Ω)	100±15
1.0-250.0MHz	Delay Shew (ns/100m)	≤45
DC Resistance (Ω/100m) max		9.5
DC Conductor Resistance Unbalance (%)	max	5.0

Freq.	RL	ATT(20°C)	NEXT	Phase Delay	PS NEXT	ELFEXT	PSELFEXT
MHz	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
1	20.0	2.03	74.3	570.00	72.3	67.8	64.8
4	23.0	3.78	65.3	552.00	63.3	55.8	52.8
8	24.5	5.32	60.8	546.73	58.8	49.7	46.7
10	25.0	5.95	59.3	545.38	57.3	47.8	44.8
16	25.0	7.55	56.2	543.00	54.2	43.7	40.7
20	25.0	8.47	54.8	542.05	52.8	41.8	38.8

25	24.3	9.51	53.3	541.20	51.3	39.8	36.8
31.25	23.6	10.67	51.9	540.44	49.9	37.9	34.9
62.5	21.5	15.38	47.7	538.55	45.4	31.9	28.9
100	20.1	19.80	44.3	537.60	42.3	27.8	24.8
200	18.0	28.98	39.8	536.54	37.8	21.8	18.8
250	17.3	32.85	38.3	536.27	36.3	19.8	16.8

Ordering Information:

Part Number	Description
NEW-9806741	UTP 4-pair CAT-6 CM Cable 1000ft, Gray
NEW-9806742	UTP 4-pair CAT-6 CM Cable 1000ft, Blue
NEW-9806743	UTP 4-pair CAT-6 CM Cable 1000ft, Red