

Category 6 Ultra (600 MHz) UTP Cables

STANDARD

- Exceeds ANSI/TIA-568-C.2 Category 6 and ISO/IEC-11801 Class E 2nd Edition and EN50173-1
- IEC 61156-5 , EN50288-6-1 , NEMA WC66
- UL , ETL AND INTERTEK Approvals
- UL/CSA Listed CM , CMR , CMP
- Performance characterized to 600 MHz
- UL E197771
- RoHS Compliant 2002/95/EC



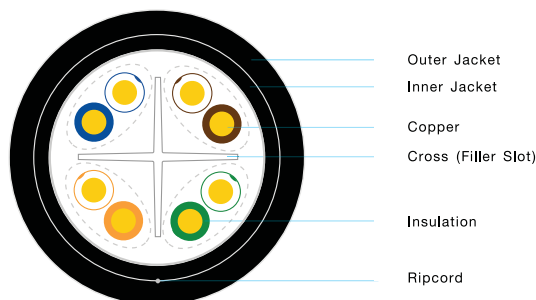
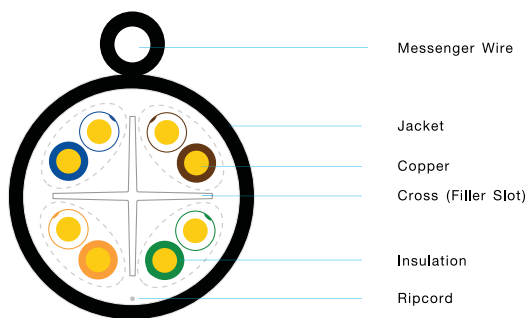
ELECTRICAL CHARACTERS

- Impedance 100 ohms +/- 5%
- Mutual Capacitance , Max 5,6 nf/100 m.
- DC Resistance , Max 66,58 ohms/Km.
- DC Resistance , unbalance of a pair 5% Max
- Delay skew 30 ns/100 m.
- Propagation delay 536 ns/100 m. Max@250Mhz



Part No.	UL/NEC Rating	Conductor	Jacket	Diameter (mm.)	Color	Packaging
US-9116	CMR	23AWG Bare Solid	FRPVC	6,4	White	305m/Pull Box
US-9116LSZH	LSZH	23AWG Bare Solid	LSZH	6,4	White	305m/Pull Box
US-9116P	CMP	23AWG Bare Solid	FRPVC	6,4	White	305m/Pull Box
US-9106M	N/A	23AWG Bare Solid	PE	9,5	Black	305m/Reel
US-9106OUT	N/A	23AWG Bare Solid	PE	7,4	Black	305m/Pull Box
US-9126	CM	24AWG Stranded	FRPVC	5,4	Blue	305m/Pull Box

FREQUENCY (MHZ)	INSERTION LOSS (dB/100m)	NEXT MIN.(dB)	ACR MIN.(dB)	PS.NEXT MIN.(dB)	PS.ACR MIN.(dB)	ELFEXT MIN.(dB/100m)	PS.ELFEXT MIN.(dB/100m)	RL MIN.(dB)
1	2,0	78,0	76,0	76,0	73,5	69,0	66,0	20,0
31,25	10,7	56,0	45,3	54,0	42,8	38,5	35,6	23,6
62,5	15,4	50,5	35,1	52,2	33,0	33,0	29,5	21,5
100	19,8	47,5	27,7	49,8	25,6	28,5	25,8	20,1
155	25,1	45,0	19,7	47,2	17,2	25,0	23,0	18,8
200	29,0	44,4	15,4	45,0	12,3	22,5	21,7	18,0
250	32,0	42,9	10,9	43,2	6,5	21,2	18,0	17,3
300	36,4	41,5	4,9	40,7	1,9	18,5	15,6	16,8
400	43,0	38,5	N.A	37,5	N.A	16,5	13,7	15,9
550	51,8	36,7	N.A	34,5	N.A	13,5	10,7	14,9
600	54,5	36,5	N.A	34,5	N.A	13,0	10,0	14,7



● US-9106M : UTP Outdoor (With Messenger)

● US-9106OUT : UTP Outdoor (Double Jacket)