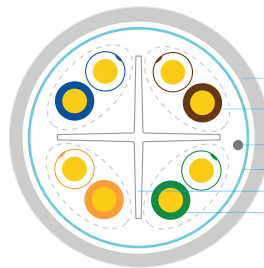


Category 6 Ultra (600MHz) F/UTP Cables

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
- UL E197771
- RoHS Compliant 2002/95/EC



Jacket
Copper
Drain Wire
Al-Mylar Foil
Cross (Filler Slot)
Insulation

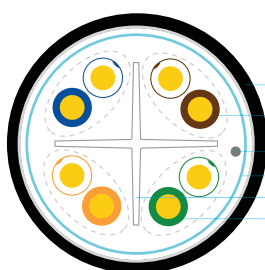
ELECTRICAL CHARACTERS

- Impedance 100 +/- 5% ohms
- 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.



Part No.	UL/NEC Rating	Conductor	Jacket	Diameter (mm.)	Color	Packaging
US-9136	CMR	23AWG Bare Solid	FRPVC	7.0	White	305m/Reel
US-9136LSZH	LSZH	23AWG Bare Solid	LSZH	7.0	White	305m/Reel
US-9136P	CMP	23AWG Bare Solid	FRPVC	7.0	White	305m/Reel
US-9136PE	N/A	23AWG Bare Solid	PE	7.4	Black	305m/Reel
US-9166	CM	24AWG Stranded	FRPVC	7.1	White	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



PE Jacket
Copper
Drain Wire
Al-Mylar Foil
Cross (Filler Slot)
Insulation

● US-9136PE : F/UTP outdoor (Single Jacket)