



Feature

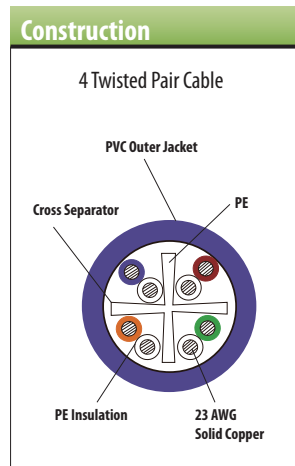
- **Conductor: 23 AWG, solid copper wires**
- **Outer Jacket: Polyvinyl chloride**
- **Standard:**
ISO/IEC 11801, ANSI/TIA- 568-C2, UL444,
- **LSZH is available , Armour version available**
- **Application :**
Data communications, Local area networks,
Building signaling systems
ISO9001 Certified Manufacturing Plant

Category 6 UTP Cable
C6USG

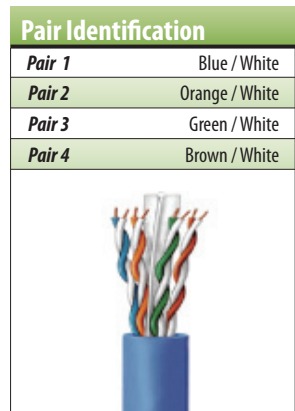


Specifications

Specification		
General	Operating Temperature Range	-20°C ~ 50°C
	Maximum pulling Tension	70N
	Minimum bending Radius	4D mm
	Nominal Mutual Capacitance @1KHz	5.1 nF /100m
	Maximum Capacitance Unbalance	330 pF /100m
	Maximum Delay @1KHz	570 ns /100m
	Maximum Delay Skew	45 ns /100m
	Maximum Conductor DC Resistance @20°C	9.38 Ω /100m
	Maximum DCR Unbalance @20°C	5%
	Maximum Operating Voltage(VRMS)	80V
Characteristics Impedance	100 Ω	



Electric Performance	Frequency MHz	Attenuation (dB/100m)	Next (dB)	Return Loss (dB)	ACR (dB)	Power Sum		
						Next (dB)	ELFEXT (dB/100m)	ACR (dB)
						1	2.0	74.3
4	3.8	65.3	23.0	61.5	63.3	51.8	59.5	
8	5.3	60.8	24.5	55.4	58.8	45.7	53.4	
10	6.0	59.3	25.0	53.4	57.3	43.8	51.4	
16	7.6	56.2	25.0	48.7	54.2	39.7	46.7	
20	8.5	54.8	25.0	46.3	52.8	37.8	44.3	
25	9.6	53.3	24.3	43.8	51.3	35.8	41.8	
31.3	10.7	51.9	23.6	41.2	49.9	33.9	39.2	
62.5	15.4	47.4	21.5	32.0	45.4	27.9	30.0	
100	19.8	44.3	20.1	24.5	42.3	23.8	22.5	
155	25.2	41.5	18.8	16.3	39.5	20.0	14.3	
200	29.0	39.8	18.0	10.8	37.8	17.8	8.8	
250	32.9	38.3	17.3	5.5	36.3	15.8	3.5	



Specifications subject to change without notice.

