



Features

- **Conductor: 28 AWG**
- **Standard:**
- **ISO/IEC 11801, ANSI/TIA- 568-C2**
- **Applications :**
- **Data communications, Local area networks, Building signaling systems**
- **ISO9001 Certified Manufacturing Plant**
- **Length: 0.15M / 0.3M / 0.6M / 1M / 1.5M / 2M / 3M / 5M / 8M / 10M / 12M / 15M**

Cat5e U/UTP Mini Patch Cord
PC5_M Series



Specifications

General					
Conductor	Material	Stranded-Bare Copper	Sheath Physical Properties (Before Aging)	Tensile Strength (Mpa)	≥13.5
	Nom. O.D. (mm)	28AWG (7/0.12)		Elongation (%)	≥150
Insulation	Material	HDPE	Sheath Physical Properties (After Aging)	Aging Period (°C x hrs)	100°C x 24h x 7d
	Diameter	0.58±0.05 mm		Tensile Strength (Mpa)	≥12.5
Sheath	Thickness	0.55±0.05 mm	Electrical Characteristics (20°C)	Elongation (%)	≥125
	External O.D.(Avg.)	3.8±0.3mm		Cold bend (-20±2°C x 4h)	No visible cracks
	Surface	Clean, Frap, Satiation		impedance (Ω)	100±15
	Material	PVC (complies RoHS)		Delay Skew (ns/100m)	≤45
				DC Resistance (Ω/100m)	23.7

Specification								
Electric Performance	Frequency MHz	Attenuation (dB/100m)	Next (dB)	Return Loss (dB)	Delay (ns)	ELFEXT (dB)	Power Sum	
							Next (dB)	Delay (ns)
	1	3.0	60.0	19.0	521	58.6	57.0	55.6
	4	3.9	54.8	19.0	504	46.6	51.8	43.6
	8	5.5	50.0	19.0	500	40.6	47.0	37.5
	10	6.2	48.5	19.0	498	38.6	45.5	35.6
	16	7.9	45.5	19.0	496	34.5	42.2	31.5
	20	8.9	43.7	19.0	495	32.6	40.7	29.6
	25	10.0	42.1	18.0	495	30.7	39.1	27.7
	31.25	11.2	40.5	17.1	494	28.7	37.5	25.7
62.5	16.2	35.7	14.1	492	22.7	32.7	19.7	
100	21	32.3	12.0	491	18.6	18.6	15.6	

Construction	
Pair 1	Blue / White
Pair 2	Orange / White
Pair 3	Green / White
Pair 4	Brown / White

4 Twisted Pair Cable