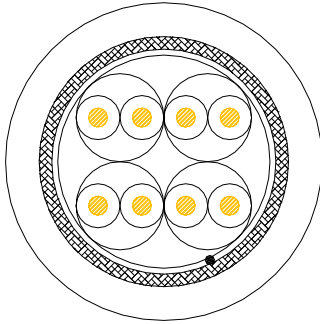




## CAT5e-SFTP



### Description

Rated Temperature	75
Standard:	UL444,TIA/EIA568B.2,YD/T1019-2001
Conductor	Solid Bare copper
AWG:	24
Insulation:	HDPE
Twisted pair	Four
Shield:	Pe-Tape + Al foil
Drain wire:	Solid Tinned copper
Braiding Shield:	Solid Tinned copper
Jacket:	PVC
Rip cord:	Per request

### Electrical Characteristics

1.0-100.0MHz Impedance (ohms)	100 ± 15
1.0-350.0MHz Delay Skew (ns/100m)	<=45
Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330
Max. Conductor DC Resistance 20oC (ohms/km)	93.8
Resistance Unbalance (%)	<=5

### Application:

- 100 Base-T4
- 100 Bskr-TX
- 100 VG-AnyLAN
- 622 Mbps ATM

Electrical Characteristics							
Frequency MHz	Impedance ohm	RL dB	Attenuation dB/100m	Next dB	Elfext dB	Psnext dB	Delay Ns/100m
0.772	100+/-15	19.4	1.8	67.0	64.0	66.0	574
1.0		20.0	2.0	65.3	62.3	63.8	570
4.0		23.0	4.1	56.3	53.3	51.7	552
8.0		24.5	5.8	51.8	48.8	45.7	546
10.0		25.0	6.5	50.3	47.3	43.8	545
16.0		25.0	8.2	47.3	44.3	39.7	543
20.0		25.0	9.3	45.8	42.8	37.7	542
25.0		24.3	10.4	44.3	41.3	35.8	541
31.3		23.6	11.7	42.9	39.9	33.9	540
62.5		21.5	17.0	38.4	35.4	27.8	538
100.0		20.1	22.0	35.3	32.3	23.8	537