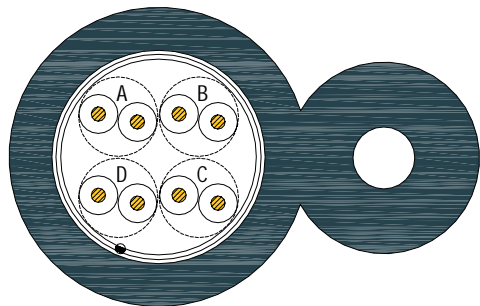




## CAT5e FTP with messenger



### DESCRIPTION:

Rated temperature:	75
Standard	UL444,TIA/EIA 568B.2,YD/T1019-2001
Conductor	Solid Bare copper
Insulation:	HDPE
Twisted pair	Four
Drain wire:	Solid Tinned copper
Shield:	Pe-Tape + Al foil + Pe-Tape
Messenger:	Zinc plated steel
Jacket:	LLDPE
Rip Cord:	Per request

### Electrical Characteristics:

1.0-100.0MHz	Impedance (ohms)	100 ± 15
1.0-100.0MHz	Delay Skew (ns/100m)	<=45
	Pair-to-Ground Capacitance Unbalance (pF/100m)	<=330
	Max. Conductor DC Resistance 20oC (ohms/km)	95
	Resistance Unbalance (%)	<=5

### Application:

- 100 Base-T4
- 100 BsdR-TX
- 100 VG-AnyLAN
- 155 Mbps ATM
- 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