Category 5 UTP Cable Enhanced 350MHZ

Standards :

- UL/CSA Listed CM, CMR,CMP
- ANSI/TIA/EIA-568-B Category 5
- ISO/IEC-11801
- NEMA WC 63.1

Application :

- ANSI X3T9.5 TP-PMD (FDDI)
- ATM PMD 155 Mbps
- IEEE 802.3 Fast Ethernet
  10 Base-T
  100 Base-T4
  100 Base-X
- IEEE 802.5
  4/16 Mbps Token Ring
- IEEE 802.12
  100 Base-VG
- Gigabit Ethernet

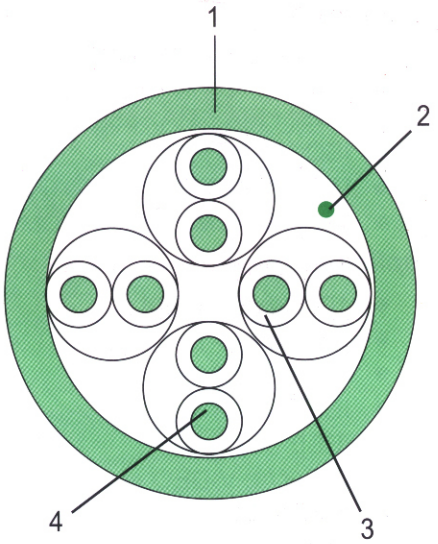
Construction :

1.Pvc jacket

2.rip cord

3.HDPE insu.

4.bare cu cond.



Construction

Type		No. of Pairs	Conductor	Insulation Thickness		Outer Diameter		Jacket	Insulation
				mm	Inch	Mm	inch		
Horizontal Cable	CM	4	24AWG (0.51 mm)	0.20	0.0079	5.1	0.20	PVC	HDPE
	CMR	4		0.20	0.0079	5.1	0.20	FRPVC	FRHDPE
	CMP	4		0.20	0.0079	4.8	0.19	FRPVC	FEP
	LSOH	4		0.20	0.0079	5.1	0.20	LSOH	HDPE

Electrical Properties :

ISO/IEC 11801, TIA/EIA 568-B

Impedance : 100Ω ±15%

Max. d.c. resistance : 14.8 Ω/100m (26AWG)

Max. resistance unbalance : 3% (5% for TIA/EIA)

Min. Propagation Velocity : 0.65C

Max. Mutual capacitance : 5.6nF/100m

Max. capacitance unbalance : 3400/3300 pF/Km (ISO/IEC, TIA/EIA)

Max. d.c. resistance : 9.38Ω/100m (24AWG)

Max. d.c. loop resistance : 19.2Ω/100m

Min. d.c. insulation resistance : 150MΩ/Km

Max. Propagation delay skew : 30 ns/100m

Frequency MHz	Horizontal Cable						
	Attenuation (dB/100m)		NEXT (dB)		ACR (dB/100m)	SRL (dB)	
	Max.	Nom.	Min.	Nom.	Min.	Min.	Nom.
0.772	1.8	1.6	64	80	72.3	23	34
1	2.0	1.8	62	75	70.4	23	34
4	4.1	3.8	53	69	59.4	23	33
10	6.5	5.8	47	63	51.2	23	32
16	8.2	7.8	44	60	46.5	23	31
20	9.3	8.4	42	59	44.0	23	30
31.25	11.8	10.8	39	58	38.7	21	28
62.5	17.0	15.4	35	55	29.2	18	26
100	22.0	19.5	32	50	21.3	16	25
155	28.1	24.2	29.5	48	12.7	14	23
200	32.4	28.8	27.8	44	6.8	13	20
300	41.0	35.3	25.2	39	-	11	18
350	44.9	39.8	24.2	33	-	11	17