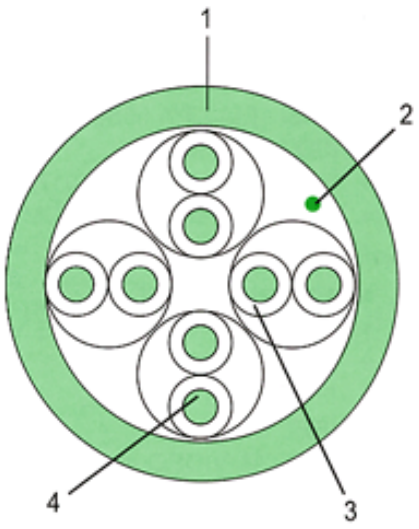
Category 5 UTP Cable Enhanced 350MHZ

Standards:

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

Construction:

1. PVC jacket
2. rip cord
3. HDPE insu
4. bare cu cond



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

Type		No.of Pairs	Conductor	Insulation Thickness		Outer Diameter		Jacket	Insulation
				mm	inch	Mm	inch		
Horizontal Cable	CM	4	24AWG(0.51mm)	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	: 14.8Ω/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.d.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