

Elite 1000™ CAT6 400 MHz LAN 4 *STP Cable

Construction:

*Shielded Twisted Pair

Item #	Flame Rating	Jacket	Color	Wt. Lb. / Wt.Kg	O.D.	Packaging Put-Up
TSR2404N70GY	CMR	PVC Riser	Gray	33 / 14.97	6.2 ± .2mm	1000' Reelex
TSP2404N70GY	CMP	Plenum	Gray	33 / 14.97	6.4 ± .2mm	1000' Reelex

Industry Standards:

UL/cUL Listed CMR, CMP
 UL, ETL and 3P Verified to Standards
 3P Verified
 ISO/IEC-11801
 NEMA WC 63.1

Material Descriptions:

Conductor: 24AWG bare solid copper
 Insulation: FRPE (CMR), FEP (CMP)
 Ripcord: Under jacket
 Jacket: FRPVC

Applications:

10 BaseT, 100 BaseT, ATM 155
 100 Vg-AnyLAN, Token Ring
 TP-PMD, 100 Mbs CDDI



Product Electrical Characteristics:

Impedance: 100±15ohm;
Mutual Capacitance (max. nf/1000ft): 56
DC Resistance (max. Ohms/1000ft): 28.6
DC Resistance Unbalance of a pair: 5% max
Propagation Delay Skew: 53 nS/100M
Capacitance Unbalance (Pair to Ground): 330pf/100m max
Normal Velocity of Propagation: Plenum 69%,
Attenuation-to-Crosstalk Ratio: At 100MHz: 16.3dB/min. At 155MHz: 7.4dB/min.



Frequency MHz	ATT Max	NEXT Min	ACR Min	PS.NEXT Min	PS.ACR Min	ELFEXT Min	PS.ELFEXT Min	R.L. Min
1	2	74.3	72.3	72.3	70.3	67.8	64.8	20
4	3.8	65.3	61.5	63.3	59.5	55.7	52.7	23
8	5.3	60.8	55.3	58.8	53.3	49.7	46.7	24.5
10	6	59.3	53.3	57.3	51.3	47.8	44.8	25
16	7.6	56.3	48.7	54.3	46.7	43.7	40.7	25
20	8.5	54.8	46.3	52.8	44.3	41.7	38.7	25
25	9.6	53.3	43.7	51.3	41.7	39.8	36.8	24.3
31.25	10.7	51.9	41.2	49.9	39.2	37.9	34.9	23.6
62.5	15.4	47.4	32	45.1	30	31.8	28.8	21.5
100	19.8	44.3	24.5	42.3	22.5	27.8	24.8	20.1
155	25.1	41.5	16.4	39.5	14.4	23.9	20.9	18.8
200	29	39.8	10.8	37.8	8.8	21.7	18.7	18
250	32.8	38.3	5.5	36.3	3.5	19.8	16.8	17.3
300	36.4	37.2	0.8	35.2	0	18.2	15.2	16.8
400	43	35.3	N/A	33.3	N/A	15.7	12.7	15.9

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