



PRODUCT : Lan Cables CAT7 S/FTP

General description

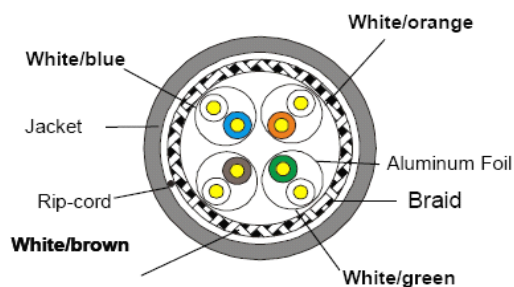
S/FTP Cat7 Cables, 4x2x23AWG Solid Bare Copper conductor, with skin-foam-skin PE insulation, Aluminum Foil shield, plus 40% Tinned Copper wires braid, ripcord, 7.8mm PVC Jacket

Standard

TIA/EIA-568B, UL444, UL1666, ISO/IEC 11801

Application

VOIP, ISDN, Token, 100M TP-PDM, Analog and Data video, TR-16 Active and Passives, 155M/662m/1.2GATM



Electrical Characteristics

Impedance : (1-100MHz) 100±15 Ω
 (100-250MHz) 100±18 Ω
 (250-600MHz) 100±25 Ω

Delay Shew (ns/100m) ≤ 25 ns/100m
 Velocity of Propagation (%) = 74%
 Unbalanced-to-ground capacitance ≤ 330pf/100m

Technical Performance (100m):

Frequency (MHz)	RL (≥dB)	ATT (≤dB)	NEXT (≥dB)	PHASE DELAY (≤ns)	Frequency (MHz)	PSNEXT (≥dB)	ELFEXT (≥dB)	PSELFEXT (≥dB)
1.0	20.0	2.0	78.0	570.0	1	75.0	78.0	75.0
4.0	23.0	3.74	78.0	552.0	4	75.0	78.0	75.0
8.0	24.5	5.24	78.0	546.7	8	75.0	75.9	72.9
10.0	25.0	5.86	78.0	545.4	10	75.0	74.0	71.0
16.0	25.0	7.41	78.0	543.0	16	75.0	69.9	66.9
20.0	25.0	8.29	78.0	542.0	20	75.0	68.0	65.0
25.0	24.3	9.29	78.0	541.2	25	75.0	66.0	63.0
31.25	23.6	10.41	78.0	540.4	31.25	75.0	64.1	61.1
62.5	21.5	14.88	75.5	538.6	62.5	72.5	58.1	55.1
100	20.1	19.02	72.4	537.6	100	69.4	54.0	51.0
150	18.9	23.56	69.8	536.9	150	66.8	50.2	47.2
200	18.0	27.47	67.9	536.5	200	64.9	48.0	45.0
250	17.3	30.97	66.4	536.3	250	63.4	46.0	43.0
300	17.3	34.19	65.2	536.1	300	62.2	44.5	41.5
600	17.3	50.10	60.7	535.5	600	57.7	38.4	35.4



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