

# DATAMASTER® Cat 5E Cable

## Y8000-series



- ANSI/TIA/EIA-568B
- ISO/IEC JTC1 SC25 WG3 Proposal (Doc 3N568)
- 1000base-T & 625 Mbit ATM
- Meets ACA TS-008 Flammability Clause 5.5.2.6
- NVP 69%

CAT#	TYPE	CONDUCTOR AWG BARE COPPER	INSULATION PE	DRAIN/FOIL	OUTSIDE DIAMETER
Y8400	4-Pair UTP Solid LAN Cable	24 AWG 1/0.51	0.92	N/A	5.20
Y8100	4-Pair UTP Stranded Patch Cord	24 AWG 7/0.203	0.95	N/A	5.20
Y8150	4-Pair FTP Stranded Patch Cord	24 AWG 7/0.203	0.95	Tinned 7/0.203 Drain Aluminium foil + Mylar tape	5.80

Frequency (MHz)	Impedance (Ohms)	Attenuation (Max. dB/100m)		NEXT (dBMin.)	PS NEXT (dB Min.)	EL FEXT (dB Min.)	PS EL FEXT (dBMin.)	SLR (dB Min.)	SKEW (nS/100m)
		Solid	Stranded						
1.00	100 ± 15	2.0	2.4	65.3	62.3	63.8	60.8	20.0	45.0
4.00	100 ± 15	4.1	4.9	56.3	53.3	51.8	48.8	23.0	45.0
10.00	100 ± 15	6.5	7.8	50.3	47.3	43.8	40.8	25.0	45.0
16.00	100 ± 15	8.2	9.9	47.2	44.3	39.7	36.7	25.0	45.0
20.00	100 ± 15	9.3	11.1	45.8	42.8	37.8	34.8	25.0	45.0
25.00	100 ± 15	10.4	12.5	44.3	41.3	35.8	32.8	24.2	45.0
31.25	100 ± 15	11.5	14.1	43.9	39.9	33.9	30.9	23.3	45.0
62.50	100 ± 15	17.0	20.4	38.4	35.4	27.9	24.9	20.7	45.0
80.00	100 ± 15	19.4	23.3	36.8	33.8	25.7	22.7	19.8	45.0
100.00	100 ± 15	22.0	26.4	35.3	32.3	23.8	20.8	19.0	45.0

**DATAMASTER**

**POWERMMASTER**

**TELEMASTER**

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