



DATA PRODUCTS



CATEGORY 3 AND 4 - UNSHIELDED (UTP) DATA CORDS AND CABLE

Used in extended reach high speed LAN applications (20 Mbps). This cable is designed for high crosstalk rejection and low attenuation for high speed data performance and allows for Telco connectivity. These Category 4 products meet all specifications for Category 1, 2, 3 and 4. Best used for 16 Mbps UTP token ring network and provide flexibility for upgrades. Designed to meet ANSI/EIA/TIA-568 Electrical Characteristics.

CONSTRUCTION:

- ✦ **Primary:** 24 AWG Stranded, 7/32 Tinned Copper Wire. Insulation - Foam Polyethylene .039" Nominal Diameter.
- ✦ **Twisted Pair:** Two Primaries shall be twisted together with varying lays to reduce cross talk.
- ✦ **Core:** The designated number of pairs shall be cabled together.
- ✦ **Jacket:** FT 1/2 PVC Lt. Gray.
- ✦ **Wiring:** The 1200 Series of Data Cords are all straight through (Pin to Pin) with Mod Plugs on both ends.

ELECTRICAL CHARACTERISTICS - UL LISTED - CSA CERTIFIED

Requirement	256 KHz	512 KHz	772 KHz	1 Mhz	4 Mhz	10 Mhz	16 Mhz	20 Mhz
Attenuation (db/1000 Ft. at 20C)	3.4	4.6	5.7	6.5	13	22	27	31
NEXT (db/1000 Ft.)	N/A	N/A	58	56	47	41	38	36
Mutual Capacitance (at 1.0 KHz)	14.0 Pf/FT. (46PF/M)		DC Resistance: 28.6 Max per 1000 Ft.			20° C		
Impedance	At 1-25 Mhz		100 OHMS Nominal					

ORDERING INFORMATION

Part No.	Mod. Plug Type on Both Ends	Length:	Ft.	Meters
AT1201-4C	6 Pos. 4 Cond.		1	0.3
AT1203-4C	6 Pos. 4 Cond.		3	0.9
AT1205-4C	6 Pos. 4 Cond.		5	1.5
AT1207-4C	6 Pos. 4 Cond.		7	2.1
AT1210-4C	6 Pos. 4 Cond.		10	3.0
AT1215-4C	6 Pos. 4 Cond.		15	4.6
AT1225-4C	6 Pos. 4 Cond.		25	7.6
AT1201-6C	6 Pos. 6 Cond.		1	0.3
AT1203-6C	6 Pos. 6 Cond.		3	0.9
AT1205-6C	6 Pos. 6 Cond.		5	1.5
AT1207-6C	6 Pos. 6 Cond.		7	2.1
AT1210-6C	6 Pos. 6 Cond.		10	3.0
AT1215-6C	6 Pos. 6 Cond.		15	4.6
AT1225-6C	6 Pos. 6 Cond.		25	7.6
AT1201-NK	8 Pos. 8 Cond.		1	0.3
AT1203-NK	8 Pos. 8 Cond.		3	0.9
AT1205-NK	8 Pos. 8 Cond.		5	1.5
AT1207-NK	8 Pos. 8 Cond.		7	2.1
AT1210-NK	8 Pos. 8 Cond.		10	3.0
AT1215-NK	8 Pos. 8 Cond.		15	4.6
AT1225-NK	8 Pos. 8 Cond.		25	7.6

OTHER LENGTHS AVAILABLE

NOTE: Replace -NK with K if keyed plugs are required.

CATEGORY 4 - BULK CABLE - put up on 1,000 ft. reels.

- AT4CRB** 4 Conductor
- AT6CRB** 6 Conductor
- AT8CRB** 8 Conductor

