

## Category 5E Twisted Pair Data Cables

### Unshielded Twisted Pair (UTP) CMR/CMP, 100 Mbps

#### Standard Compliances

- ANSI/TIA/EIA-568-B.2 (Category 5E)
- ANSI/TIA/EIA-862 (Building Automation)
- ISO/IEC 11801 Ed. 2.0 (Class D)
- ICEA S-90-661 (Category 5E)
- UL and c(UL) Type CMR (UL 1666) for Non-Plenum
- UL and c(UL) Type CMP (NFPA 262) for Plenum
- UL 444

#### Applications

- IEEE 802.3: 1000BASE-T (Gigabit Ethernet); 100BASE-TX, 10BASE-T
- 52/155 Mp/s ATM
- ANSI X3.263: 100Mb/s
- 4/16 Mb/s Token Ring

Part No. 4P24B1CT5E1 White – Non-Plenum

Part No. 4P24B1CT5E4 Blue – Non-Plenum\*

Part No. 4P24B1CMS5E – Shielded

Part No. 25P24B1CAT5E – Non-Plenum

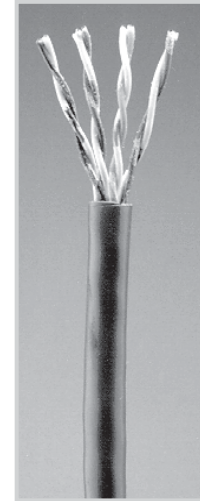
Part No. 25P24B1CMP5E – Plenum

\*Other colors available upon request.

#### Electrical Performance (typical)

Frequency MHz	PSACR min.	ACR min.	Attenuation max.	PSNEXT min.	NEXT min.	PSELFEXT min.	ELFEXT min.	Return Loss min.
1	60.3	63.3	2.0	62.3	65.3	60.8	63.8	20.0
4	49.2	52.2	4.1	53.3	56.3	48.7	51.7	23.0
10	40.8	43.8	6.5	47.3	50.3	40.8	43.8	25.0
16	36.0	39.0	8.2	44.2	47.2	36.7	39.7	25.0
20	33.5	36.5	9.3	42.8	45.8	34.7	37.7	25.0
25	30.9	33.9	10.4	41.3	44.3	32.8	35.8	24.3
31.25	28.2	31.2	11.7	39.9	42.9	30.9	33.9	23.6
62.5	18.4	21.4	17.0	35.4	38.4	24.8	27.8	21.5
100	10.3	13.3	22.0	32.3	35.3	20.8	23.8	20.1
155	1.4	4.4	28.1	29.4	32.4	16.9	19.9	-
200	-	-	32.4	27.8	30.8	14.7	17.7	-
250	-	-	36.9	26.3	29.3	12.8	15.8	-

Note: Values are expressed in dB per 100m (328 ft) length.



See referenced pages in the  
Hardware & Supplies section:

#### Installation Hardware

- Acme 25AC Staple Gun - I-3

#### Suggested Prep Tools

- SMART-STRIP Stripper - I-11
- Universal Drop Trimmer - I-9