

Category 5E Enhanced Twisted Pair Data Cables

Unshielded Twisted Pair (UTP) CMR/CMP



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
- 155 Mp/s, 622 Mp/s ATM
- ANSI X3.263: 100Mb/s
- 4/16 Mb/s Token Ring
- Broadband and Baseband analog video

Part No. 4P24B1CT5EE – Non-Plenum

Part No. 4P24B1C5EEP – Plenum

Electrical Performance (typical)

Frequency MHz	PSACR min.	ACR min.	Attenuation max.	PSNEXT min.	NEXT min.	PSELFEXT min.	ELFEXT min.	Return Loss min.
1	68.1	70.1	1.9	68.3	70.3	62.0	65.0	20.0
4	57.1	59.1	3.9	59.3	61.3	50.0	53.0	23.0
10	48.9	50.9	6.1	53.3	55.3	42.0	45.0	25.0
16	44.1	46.1	7.8	50.3	52.3	37.9	40.9	25.0
20	41.7	43.7	8.8	48.8	50.8	36.0	39.0	25.0
31.25	36.4	38.4	11.2	45.9	47.9	32.1	35.1	23.6
62.5	26.9	28.9	16.2	41.4	43.4	26.1	29.1	21.5
100	19.0	21.0	21.0	38.3	40.3	22.0	25.0	20.1
155	10.3	12.3	26.8	35.5	37.5	18.2	21.2	18.8
200	4.5	6.5	31.0	33.8	35.8	16.0	19.0	18.0
250	-	0.8	35.3	32.3	34.3	14.0	17.0	17.3
300	-	-	39.2	31.2	33.2	12.5	15.5	16.8
350	-	-	43.0	30.2	32.2	11.1	14.1	16.3

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