

Category 6 PVC Data Communication Cable



APPLICATION:

Category 6 PVC Data Communication Cable is suitable to be used as structured cabling for voice and high speed data in commercial and residential building for voice, video and LAN data lines. The cable is rated for use at 550MHz and is rated CMR.

CONDUCTORS:

- Solid soft drawn bare copper per ASTM B3

INSULATION:

- High density polyethylene (HDPE)

CABLING:

- 4 twisted pairs are cabled together and each pair is twisted in different lays to minimize cross-talk interferences. The pairs are separated from each other by an X divider

JACKET:

- Polyvinyl chloride (PVC)

STANDARDS:

- UL listed or ETL verified Type CMR
- UL 444, 1666
- NEC Article 800
- TIA/EIA-568
- ISO/IEC-11801

CAT6 (UTP) CMR 23 AWG 4 Pairs			
Part Number	Type	Nominal Overall Diameter	Approx. Weight
		inches	lbs/kft
TEL24-4PC6-PVC	CMR	0.220	24

Performance					
Frequency	ACR, min.	Characteristic Impedance	Attenuation @20°C, max.	Worst Pr Next, min.	PS-Next, min.
MHz	dB/100m	$\Omega/100m$	dB/100m	dB/100m	dB/100m
1.0	72.3	100 ± 15%	2.0	74.3	72.3
4.0	61.5	100 ± 15%	3.8	65.3	63.3
10.0	53.3	100 ± 15%	6.0	59.3	57.3
16.0	48.6	100 ± 15%	7.6	56.2	54.2
20.0	46.3	100 ± 15%	8.5	54.8	52.8
25.0	43.8	100 ± 15%	9.5	53.3	51.3
31.3	41.2	100 ± 15%	10.7	51.9	49.9
62.5	32.0	100 ± 15%	15.4	47.4	45.4
100.0	24.5	100 ± 15%	19.8	44.3	42.3
200.0	10.8	100 ± 15%	29.0	39.8	37.8
250.0	5.5	100 ± 15%	32.8	38.3	36.3

All values are nominal and subject to correction



1-800-945-5542
www.PriorityWire.com



©2023 Priority Wire & Cable
03-2023