

Category 5E Direct Burial 350MHz Data Communication Cable



APPLICATION:

Category 5E 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 suitable for use up to 350MHz. Rated for Direct Burial.

CONDUCTORS:

- 24AWG solid bare copper

INSULATION:

- Polyethylene (PE)

CABLING:

- 4 twisted pairs cabled together, each pair with different lays to minimize cross-talk interferences

JACKET:

- Polyethylene (PE)

STANDARDS:

- UL Listed or ETL verified
- CMX/CMR rated
- CSA C22.2 No. 214/UL 444, UL 1666
- Category 5 performance
- TIA / EIA-568

CAT5E (UTP): Direct Burial: 24AWG 4 Pairs			
Part Number	Nominal Overall Diameter	Approx. Weight	Mutual Capacitance
	inches	lbs/kft	Nf/100m
TEL24-4PC5EDIR-BUR	0.23	26	4.4

Performance						
Frequency	ACR, min.	Characteristic Impedance	SRL	Attenuation @20°C, max.	Worst Pr Next, min.	PS-Next, min.
MHz	dB/100m	$\Omega/100m$	dB/100m	dB/100m	dB/100m	dB/100m
1.0	66	100 ± 15%	20.0	2.0	65	62
4.0	63	100 ± 15%	23.0	4.1	56	53
8.0	52	100 ± 15%	24.5	5.8	52	49
10.0	46	100 ± 15%	25.0	6.5	50	47
16.0	44	100 ± 15%	25.0	8.3	47	44
20.0	37	100 ± 15%	25.0	9.3	46	43
25.0	34	100 ± 15%	24.3	10.4	44	41
31.3	31	100 ± 15%	23.6	11.7	43	40
62.5	21	100 ± 15%	21.5	17.0	38	28
100.0	13	100 ± 15%	20.1	22.0	35	24

All values are nominal and subject to correction



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