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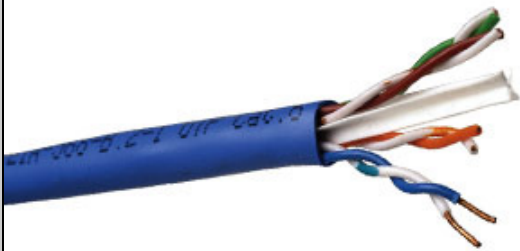
Residential Cable

NETWORK & AUTOMATION CABLE

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Category 6 250MHz

TIA/EIA Cat6 250MHz Four-pair Network Cable



FEATURES & BENEFITS

- Precision Cat6 Electrical Characteristics
- 250MHz Bandwidth
- 23 Gage Solid Copper Conductors
- Meets or Exceeds TIA/EIA-568-B.2 Standards
- UL Rated for Permanent Installation

Mechanical Specifications

Part #	# of Pairs	Nominal OD	Conductors	Insulation	Jacket	UL Type	Weight
CT604/250	4	.220"	23 AWG Solid BC	Polyolefin	PVC	CMR	28 lbs/Mft
<i>Category 6 Four-pair 250MHz</i>							
CT604/250P	4	.215"	23 AWG Solid BC	3 Pairs FEP/ 1 Pair Polyolefin	Plenum PVC	CMP	28 lbs/Mft
<i>Category 6 Four-pair 250MHz: Plenum</i>							

Electrical Specifications

Part #	DCR Max	DCR Unbal. Max	Char. Impedance	Prop. Delay (Skew) Max	Vel. of Prop. (Non-plenum, Plenum)	Standards													
CT604/250 Series	27.2 Ω	3%	100 Ω (+/-15)	35 ns/100m	70%, 72%	Exceeds TIA/EIA-568-B.2-1 Cat 6, ISO/IEC 11801 Ed. 2,,0													
						Freq. (MHz)	1	4	10	16	20	31.25	62.5	100	200	250	350	400	500
						Insertion Loss (dB/100m) (max)	2.0	3.8	5.9	7.5	8.4	10.6	15.3	19.7	28.8	32.7	39.6	42.7	48.7
						PSACR (dB/100m) (min)	71.3	60.5	52.4	47.7	45.4	40.3	31.1	23.6	9.9	4.6	----	----	----
						ACR (dB/100m) (min)	73.3	62.5	54.4	49.7	47.4	42.3	33.1	25.6	11.9	6.6	2.0	----	----
						PSNEXT (dB/100m) (min)	73.3	64.3	58.3	55.3	53.8	50.9	46.4	43.3	38.8	37.3	35.2	34.3	32.8
						NEXT (dB/100m) (min)	75.3	66.3	60.3	57.3	55.8	52.9	48.4	45.3	40.8	39.3	37.2	36.3	34.8
						PSELFEXT (dB/100m) (min)	65.8	53.8	45.8	41.7	39.8	37.8	29.9	25.8	19.8	17.8	----	----	----
						ELFEXT (dB/100m) (min)	68.8	56.8	48.8	44.7	42.8	38.9	32.9	28.8	22.8	20.8	----	----	----
						Return Loss (dB) (min)	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.0	17.3	----	----	----
						LCL (dB/100m) (min)	50.0	44.0	40.0	38.0	37.0	35.1	32.0	30.0	27.0	26.0	----	----	----
						ELTCTL (dB/100m) (min)	35.0	23.0	15.0	10.9	9.0	5.1	----	----	----	----	----	----	----

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