

Twisted Pairs – Stranded Overall Aluminum Shield
300 Volt – PVC Jacket

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Instrumentation



Category Conductor Description:

- Stranded tinned copper

Category Insulation Description:

- D12002-PP: PVC Insulated, twisted Pair

Shield:

- 100% aluminum foil/polyester with stranded tinned copper drain wire
D12002-BS: Shield is bonded to the PVC jacket with the drain wire on the inside of the foil shield

Applications:

- Paired cables allow balanced signal transmission which results in lower crosstalk through common mode rejection
- Due to the improved noise immunity of twisted pairs, they generally permit higher data speeds than multi-conductor cables

Standards:

- CEC CM
- NEC type CM
- 300 Volt rated

Color Code Chart	
Pairs	Color
1	Black
2	Clear
3	Red
4	Green

PART NUMBER TABLE

Part#	Gauge	Pairs	Stranding	Insulation Thickness	Jacket Thickness	Outside Diameter Inches	Nominal		Material Weight	
							Capacitance A	Capacitance B	(Lbs./M')	
D12002	20	1	7x28 TC	.016"	.028"	.18"		27	49	16
D12002-PP	20	1	7x28 TC	.014"	.031"	.198"		60	100	23.6

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.

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