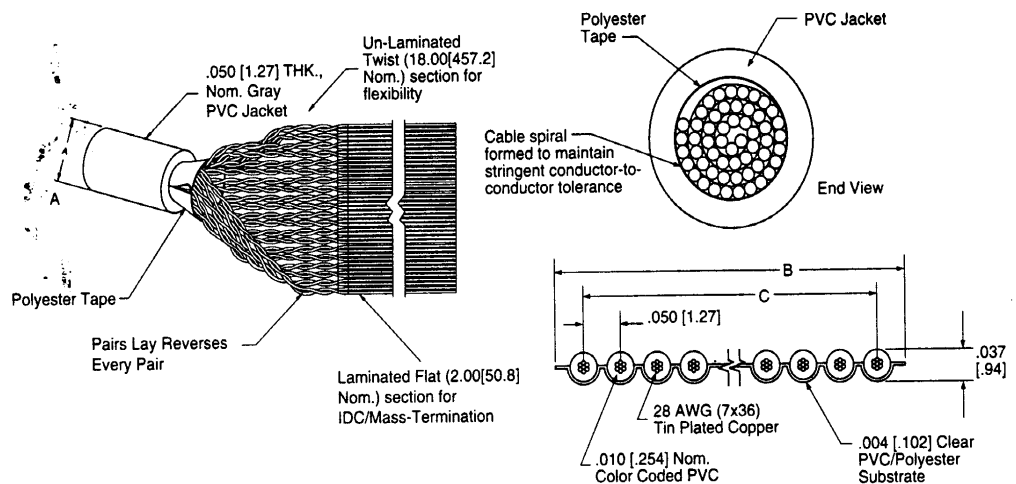


AMP**IDC Ribbon Cable, Round-To-Flat**

Catalog 65755

Revised 03-96

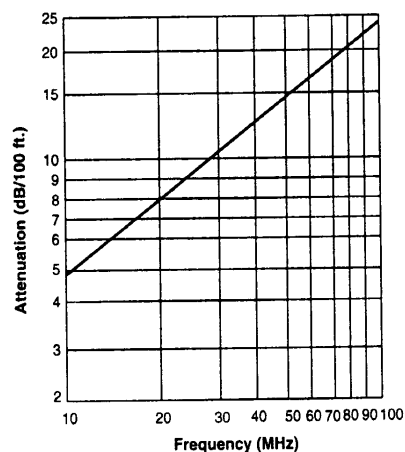
AMP-TWIST™ .050 Centerline Unshielded Color Coded Round-To-Flat Cable**Electrical Specifications****Voltage Rating** –
300V RMS**Current Rating** –
.5 AMP**Conductor Resistance** –
68 Ohms/1000 ft. [304.8m]**Insulation Resistance** –
>1 x 10¹⁰ Ohms • 10ft. [3.048m]**Impedance (Balanced)** –
125 Ohms**Impedance (Unbalanced)** –
80 Ohms**Capacitance @ 1 MHz** –
13 pF/ft. (43 pF/m)**Inductance @ 1 MHz** –
.36 µH/ft. (1.18 µH/m)**Propagation Delay** –
1.70 ns/ft. (5.6 ns/m)**Mechanical Specifications****Conductor** –
28 AWG (7x36) Tinned Copper**Insulation** –
.010" [.254m] Nom. Wall Color Coded PVC**Substrate** –
.004" [.102m] Nom. Wall Clear PVC/Polyester (Flat Section Only)**Pitch** –
Conductor Centers in Flat: .050" ±.005" [1.27 ± 0.13m]**Pairs** –
3/4" Nom. Lay-Adjacent Pairs have Opposite Direction Lay**Construction** –
18" of Twisted Pairs (Non-Laminated);
2" of Flat Section (Laminated)**Color** –
Internal Cable: Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray, White, Black, with common Tan. Repeat**Jacket** –
.050" [1.27m] Nom. Wall Gray PVC**Tape Separator** –
Spiral Wrapped Polyester Tape Between Jacket and Cable**Temperature Rating** –
-20°C to +105°C**Flammability Rating** –
UL: VW-1; UL-1581 Vertical Tray;
N.E.C.: 725, CL2**UL**

File #: E53793

Style: 20381

Number Of Twisted Pairs

Part Numbers	Dimensions			Length Per Reel	No. of Twisted Pairs
	A	B	C		
1-57648-3	.350 8.89	1.300 33.02	1.250 31.75	100'	13
1-57648-7	.385 9.78	1.700 43.18	1.650 41.91	100'	17
2-57648-0	.415 10.54	2.000 50.80	1.950 49.53	100'	20
2-57648-5	.455 11.56	2.500 63.50	2.450 62.23	100'	25
3-57648-0	.495 12.57	3.000 76.20	2.950 74.93	100'	30
3-57648-2	.500 12.70	3.200 81.28	3.150 80.01	100'	32

Attenuation**Test Configuration
G-S-G (Ground-Signal-Ground) Unbalanced