



## AMPMODU System 50 Connectors (Continued)

### Centerline IDC Ribbon Cable, PVC Insulation 0.63 [.025]

#### 30 AWG, Solid Bare Copper and 32 AWG 7/40 Stranded Tinned Copper

**For use with:**  
AMP-LATCH System 50 page 464, AMPLIMITE .050 Series page 497 and AMPMODU System 50 Connectors page 479

**Compatible with:**  
AMP R-CAM Ribbon Cable Assembly Machine

#### Product Specifications

**Voltage** — 150 Volts

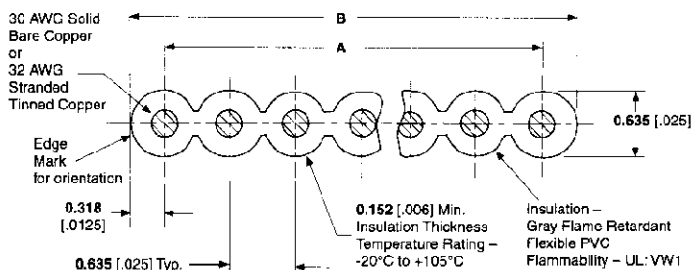
**Impedance** — 60 Ohms nom. (GND, SIG, GND, applies to 30AWG Solid Bare Copper)

**Capacitance** — 19.2 pF/ft at 1 MHz nom.

**Propagation Delay** — 1.51 ns/ft nom.

**Crosstalk** —  
10 ft sample 5 ns rise time:  
Near End - 4.0% max.  
Far End - 6.0% max

**UL Listing** — Style 2678



#### 30 AWG Solid Bare Copper

No. of Conductors	Dimensions		Part Numbers	
	A	B	Length Per Reel	
			100 ft. [30.5 m]	500 ft. [152.4 m]
20	12.07 [.475]	12.70 [.500]	1-57013-3	57013-1
40	24.77 [.975]	25.40 [1.000]	1-57013-7	57013-2
50	31.12 [1.225]	31.75 [1.250]	1-57013-9	1-57013-0
68	42.55 [1.675]	43.18 [1.700]	2-57013-1	1-57013-1
80	50.17 [1.975]	50.80 [2.000]	2-57013-3	57013-4
100	62.87 [2.475]	63.50 [2.500]	2-57013-4	57013-5

#### 32 AWG 7/40 Stranded Tinned Copper

20	12.07 [.475]	12.70 [.500]	1-57038-3	57038-1
40	24.77 [.975]	25.40 [1.000]	1-57038-7	57038-2
50	31.12 [1.225]	31.75 [1.250]	1-57038-9	1-57038-0
68	42.55 [1.675]	43.18 [1.700]	2-57038-1	1-57038-1
80	50.17 [1.975]	50.80 [2.000]	2-57038-3	57038-4
100	62.87 [2.475]	63.50 [2.500]	2-57038-4	57038-5

Note: 32 AWG cable is not recommended for use in some AMP connectors. Contact AMP Engineering for more information.

#### 30 AWG 7/38 Stranded Tinned Copper

**For use with:**  
AMP-LATCH System 50, AMPLIMITE .050 Series and AMPMODU System 50 Connectors

**Compatible with:**  
AMP R-CAM Ribbon Cable Assembly Machine

#### Product Specifications

**Voltage Rating** — 150 Volts

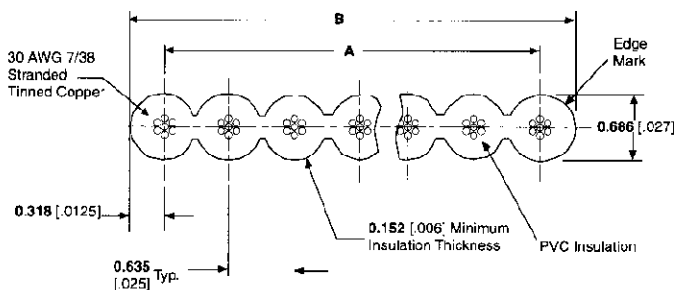
**Impedance** — 66 ohms (GND, SIG, GND)

**Capacitance** — 23 pF/ft. at 1 KHz

**Propagation Delay** — 1.55 ns/ft [5.6 ns/m]

**Crosstalk** —  
10 Ft. sample 5 ns rise time  
Near End — 2.8% max  
Near End — 4.3% max

**UL Listing** — Style 2678



No. of Conductors	Dimensions		Part Numbers	
	A	B	Length Per Reel	
			100 ft. [30.5 m]	500 ft. [152.4 m]
20	12.07 [.475]	12.70 [.500]	1-57131-3	57131-1
40	24.77 [.975]	25.40 [1.000]	1-57131-7	57131-2
50	31.12 [1.225]	31.75 [1.250]	1-57131-9	1-57131-0
68	42.55 [1.675]	43.18 [1.700]	2-57131-1	1-57131-1
80	50.17 [1.975]	50.80 [2.000]	2-57131-3	57131-4
100	62.87 [2.475]	63.50 [2.500]	2-57131-4	57131-5