

AMPMODU System 50 Connectors (Continued)

Cable-to-Board Connectors, 0.64 [.025] Centerline IDC Ribbon Cable

Electrical Characteristics

Base Part No.	Insulation	AWG	Voltage	Impedance Single Ended G-S-G	Capacitance Nominal G-S-G	Inductance Nominal	Nominal Prop. Delay	NEXT 10 Ft 5ns Rise Time	FEXT 10 Ft 5ns Rise Time
57013	PVC	30 Solid	150 Vac	80 Ohms Nom	19.2 p/ft	.160 mh/ft	1.51 ns/ft	4.0% Max	6.0% Max
219054	TPE	30 Solid	150 Vac	90+/- 6 Ohms	15.3 p/ft	.124 mh/ft	1.382 ns/ft	2.39% Nom	2.99% Nom
57119 57145	FEP	30 Solid	300 Vac	93 Ohms Nom	13.6 p/ft	.120 mh/ft	1.34 ns/ft	2.6% Nom	2.8% Nom
57131	PVC	30 Stranded	150 VAC	66 Ohms Nom	23.0 p/ft	.100 mh/ft	1.55 ns/ft	2.8% Max	4.5% Max
219055	TPE	30 Stranded	150 VAC	78 Ohms Nom	19.4 p/ft	.118 mh/ft	1.510 ns/fr	1.37% Nom	2.37% Nom
57288 57289	FEP	30 Stranded	300 Vac	85 Ohms Nom	15.4 p/ft	.110 mh/ft	1.36 ns/ft	2.5% Nom	2.8% Nom
219253	TPE	31 Stranded	150 Vac	90+/- 6 Ohms	15.4 p/ft	.125 mh/ft	1.527 ns/ft	1.97% Nom	2.51% Nom
57038	PVC	32 Stranded	150 Vac	80 Ohms Nom	19.2 p/ft	.147 mh/ft	1.51 ns/ft	4.0% Max	6.0% Max
219138	TPE	32 Stranded	150 Vac	104 Ohms Nom	12.8 p/ft	.138 mh/ft	1.664 ns/ft	2.10% Nom	2.57% Nom
57144	FEP	32 Stranded	300 Vac	105 Ohms Nom	13.0 p/ft	.120 mh/ft	1.36 ns/ft	2.6% Nom	2.8% Nom

Flat Ribbon Cable, PVC Insulation, 0.64 [.025] Centers

0.05 mm² [30 AWG], Solid Bare Copper

Product Specifications:

Voltage—150 Volts

Impedance—80 Ohms Nominal (GND, SIG, GND, applies to 30AWG Solid Bare Copper)

Capacitance—19.2 p/ft at 1 MHz nom.

Propagation Delay—1.51 ns/ft nom.

Insulation Resistance—

10 ft sample 5 ns rise time:

Near End - 4.0% max.

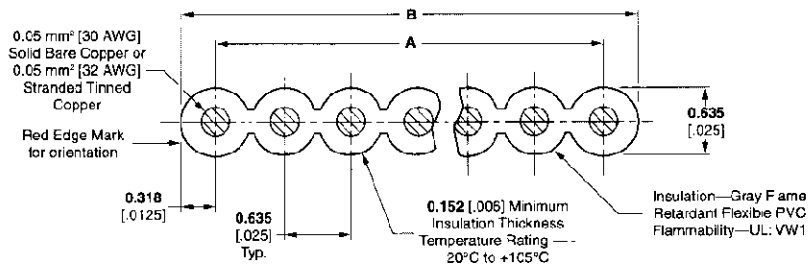
Far End - 6.0% max.

UL Listing: STYL E 2678

Recognized under the Component Program of Underwriters Laboratories Inc., File No. E53793



Certified by Canadian Standards Association, (SA File No. LL83498)



No. of Conductors	Dimensions		Part Numbers Length Per Reel* 500 ft. [152.4 m]
	A	B	
20	12.07 [.475]	12.70 [.500]	57013-1
24	14.61 [.575]	15.24 [.600]	57013-8
26	15.88 [.625]	16.51 [.650]	2-57013-6
30	18.42 [.725]	19.05 [.750]	57013-6
36	22.23 [.875]	22.86 [.900]	57013-7
40	24.77 [.975]	25.40 [1.000]	57013-2
44	27.31 [1.075]	27.94 [1.100]	57013-9
50	27.94 [1.225]	31.75 [1.250]	1-57013-0
60	37.47 [1.475]	38.10 [1.500]	57013-3
68	42.55 [1.675]	43.18 [1.700]	1-57013-1
72	45.09 [1.775]	45.72 [1.800]	1-57013-2
80	50.17 [1.975]	50.80 [2.000]	57013-4
100	62.87 [2.475]	63.50 [2.500]	57013-5

*Reel may contain separate lengths, 6.1 m [20 ft.] min. per length.

Internal Interconnects



General Internal Interconnects