

ASI Tee Flex Cables

	085T	141T
Electrical Characteristics		
Impedance:	50 +/- 2 Ohms	50 +/- 2 Ohms
Nom. Capacitance:	29.3 pF/ft.	29.3 pF/ft.
Nom. Velocity of Propagation:	69.5%	69.5%
Nom. Delay:	1.46nS/ft.	1.46 nS/ft.
Attenuation (Nominal)		
Frequency	Loss	Loss
50 MHz 100 MHz	5.0 dB/100ft. 7.0 dB/100ft.	2.7 dB/100ft. 3.9 dB/100ft.
400 MHz 500 MHz	14.0 dB/100ft. 16.0 dB/100ft.	8.0 dB/100ft. 9.0 dB/100ft.
1000 MHz 3000 MHz	23.0 dB/100ft. 39.0 dB/100ft.	13.0 dB/100ft. 23.0 dB/100ft.
5000 MHz 8000 MHz	51.5 dB/100ft.	30.0 dB/100ft. 40.0 dB/100ft.
10000 MHz 20000 MHz	76.0 dB/100ft. 112.0 dB/100ft.	45.0 dB/100ft. 69.0 dB/100ft.
Max Operating Voltage:	1500 V RMS Max	2500 V RMS Max
Physical Characteristics		
Nom. Weight:	.015 lbs./ft.	.033 lbs./ft.
Bend Diameter: one time Bend Diameter: repeat	.125" 1.0"	.200" 2.0"
Temperature Rating:	-65 to +200 Deg. C	-65 to +200 Deg. C
Insulation Material:	TFE Teflon*	TFE Teflon*
Inner Conductor: Silver Plated Copper Clad Steel	.0201" Nominal Dia.	.036" Nominal Dia.
Dielectric: Extruded solid Polytetrafluoroethylene	.064" Nominal Dia.	.118" Nominal Dia.
First Shield: Silver Plated Copper Strip (100% coverage)	.074" Nominal Dia.	.128" Nominal Dia.
Second Shield: 40 Ga Silver Plated Copper Alloy Braid	.087" Nominal Dia.	.141" Nominal Dia.
Jacket: Extruded Fluorinated Ethylene Propylene	.100" +/- .004" Dia.	.160" Dia.

* Teflon - Trademark of Dupont