

Lab-Flex® T Specifications

General Specifications	Lab Flex® 065T	Lab Flex® 100T	Lab-Flex® 160T	Lab Flex 200T
Diameter	0.056	0.1	0.15	0.189
Frequency, Max (GHz)	50	50	40	31
Loss @ 5 GHz (dB/100ft)	69.0	41.8	25.5	16.3

Electrical Specifications	Lab Flex® 065T	Lab Flex® 100T	Lab-Flex® 160T	Lab Flex 200T
Impedance, Nominal (Ω)	50	50	50	50
Velocity of Propagation (%)	78.7	80	80.3	84
Shielding Effectiveness, 18 GHz (dB/ft)	>-100dB	>-100dB	>-90dB	>-90dB
Capacitance (pF/ft)	25.8	25.4	25.3	23.8
Delay (ns/ft)	1.29	1.27	1.27	1.2

Mechanical Specifications	Lab Flex® 065T	Lab Flex® 100T	Lab-Flex® 160T	Lab Flex 200T
Weight (lbs/100ft)	0.95	1.4	3.1	3.4
Temperature Range ($^{\circ}$ C)	-65 to +150*	-65 to +150*	-65 to +200*	-65 to +200*
Minimum Bend Radius (inches)	0.25	0.35	0.5	1.1

Construction Data	Lab Flex® 065T	Lab Flex® 100T	Lab-Flex® 160T	Lab Flex 200T
Inner Conductor	Solid SPC	Solid SPC	Solid SPC	Solid SPC
Dielectric	Foamed PTFE	Foamed PTFE	Foamed PTFE	Extruded PTFE
First Outer Shield	SPC Flat Spiral	SPC Flat Spiral	SPC Flat Braid	SPC Flat Braid
Second Outer Shield	SPC Round Braid	SPC Round Braid	SPC Round Braid	SPC Round Braid
Jacket	FEP	FEP	FEP	FEP