



Center Conductor	0.029"	Silver Plated Copper
Dielectric	0.087"	Microporus PTFE
Shield	0.091"	Silver Plated Copper
Interlayer	0.100"	Metalized Polyimide Tape
Outer Braid	0.114"	Silver Plated Copperclad Steel
Jacket	0.130"	Black Tefzel Fluoropolymer

Specifications	SPFLT™ 130	SPFLT™ 200	SPFLT™ 305
Dielectric Technology	Microporus PTFE		
Diameter:	0.135	0.195	0.306
Minimum Bend Radius:	0.75	1.0	1.5
Mass: in(mm)	17.2	34.0	61.5
Temperature Rating: in(mm)	-65 /+ 200	-65/+200	-65/+200
Center Conductor: in(mm)	SPC	SPC	SPC
Outer Conductor:	Silver Plated Copper Strip Braid	Silver Plated Copper Strip Braid	Silver Plated Copper Strip Braid
Jacket	Tefzel® Black	Tefzel® Black	Tefzel® Black
Characteristic Impedance Ohms	50	50	50
Velocity of Propagation % C	76	80	81
Maximum Frequency GHz	40	30	18.5
Delay: ns/ft (ns/meter)	1.34	1.27	1.26
Capacitance: pF/ft (pF/meter)	26.7	25.4	25.1
Shielding: dBc/ft	-90 dBc	-90 dBc	-90 dBc
Loss @ 6 GHz: dBc/100 ft	34.7	19.7	11.0
Loss @ 18 GHz: dB/100 ft	61.7	35.3	20.2
k1	0.4363	0.2426	0.1316
k2	0.00015	0.00013	0.0001193
Product Code	AA-11438	AA-11439	AA-11440

DuPont™ Tefzel® is a modified ETFE (ethylene-tetrafluoroethylene) fluoroplastic

Available Connectors: TMS supports vented & multipaction resistant connector interfaces

SLFLT130: SMA, 2.92mm

SLFLT200: SMA, Type N, TNC

SPFLT305: SMA, Type N, TNC, SC