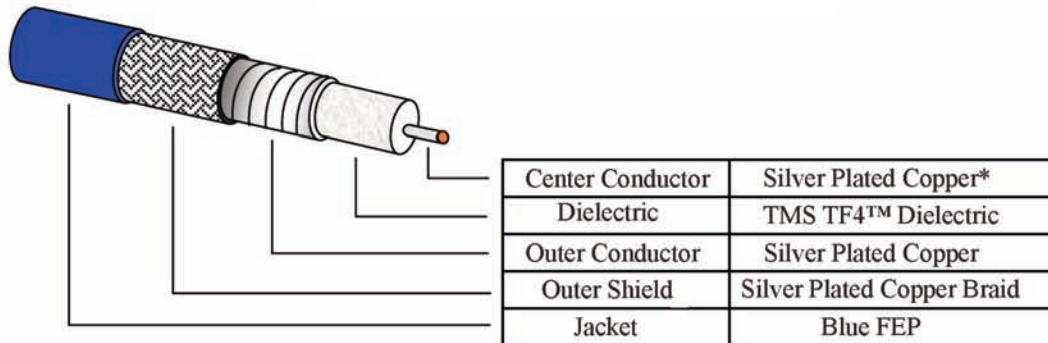


PhaseTrack® PFlex

PhaseTrack® PFlex Construction



Part Number	PF047	PF405	PF130	PF402
Dielectric Technology	TF4™	TF4™	TF4™	TF4™
Diameter (in)	0.064	0.094	0.130	0.160
Minimum Bend Radius	0.250	0.500	0.625	0.750
Mass (lbs/1000 feet)	4.5	11	18	28.0
Temperature Rating	-55C to + 125C			
Center Conductor	Silver Plated Copper Clad Steel		Silver Plated Copper	
Outer Conductor	Silver Plated Copper Strip			
Jacket	Blue FEP			
Characteristic Impedance	50 Ohms			
Velocity of Propagation	82.5%	82.5%	82.5%	82.5%
Cutoff Frequency (GHz)	142.3	79.9	52.3	38.7
Delay (nS/foot)	1.23	1.23	1.23	1.23
Capacitance (pF/foot)	24.4	24.4	24.4	24.4
Shielding	-90 dB Minimum			
Loss @ 6 GHz (db/100 foot)	102.74	59.34	37.96	30.92
Loss @ 18 GHz (db/100 foot)	185.95	110.16	71.61	59.36
K1	1.24487	0.69102	0.43043	0.3399
K2	0.0010516	0.0009697	0.00077	0.0007645

*PF047 and PF405 use silver plated, copper clad steel as a center conductor.