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Flexco Microwave's UltraFlex
"The Flexible Equivalent to RG405 and RG402"

Specification Summary

	FM405 Flexible Equivalent to M17/133- RG405 Semi-rigid Cable	FM402 Flexible Equivalent to M17/130- RG402 Semi-rigid Cable
Electrical:		
Maximum Frequency (GHz)	18	18
Nominal Impedance (Ω)	50	50
Velocity of Propagation (%)	69	69
Time Delay (ns/ft)	1.5	1.5
Breakdown Voltage (KV@60 Hz)	0.5	0.5
Nominal Capacitance (pF/ft)	29	29
Shielding Effectiveness (dBc min.)	-85	-90
Insertion Loss (dB/ft, typ.)		
at 0.4 GHz	0.15	0.07
at 0.9 GHz	0.23	0.13
at 2.0 GHz	0.32	0.18
at 8.0 GHz	0.60	0.32
at 12.0 GHz	0.78	0.42
at 18.0 GHz	1.00	0.58
Physical:		
Center Conductor Type	Solid	Solid
Minimum Bend Radius (inches)	0.5	1.5
Weight per Foot (lbs.)	0.014	0.032
Outer Diameter (inches)	0.100	0.163

Cable assemblies are available in any length and are typically supplied with SMA type connectors. Other connectors are available upon request.

Frequency vs. Attenuation

