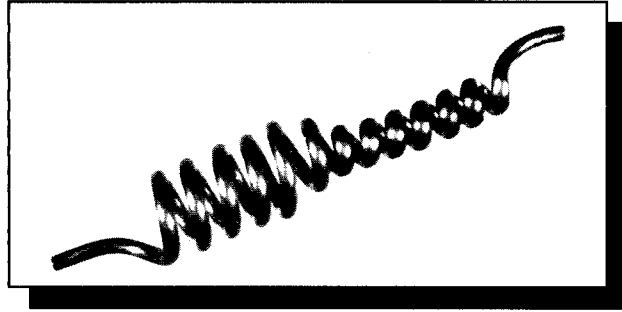


EZ-FLEX
Microwave Coax

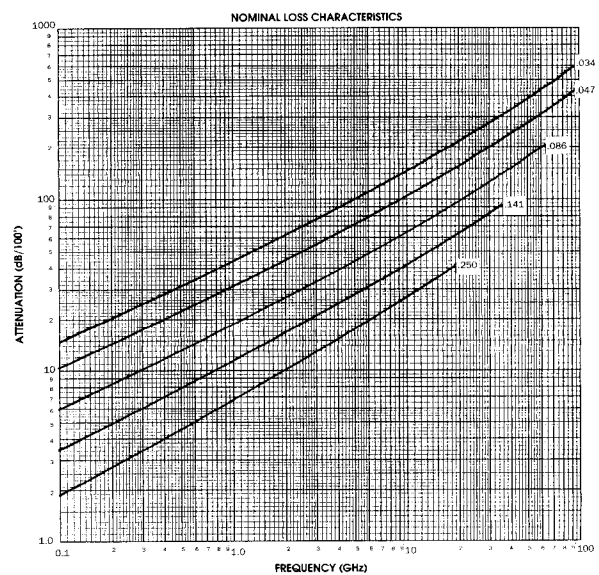
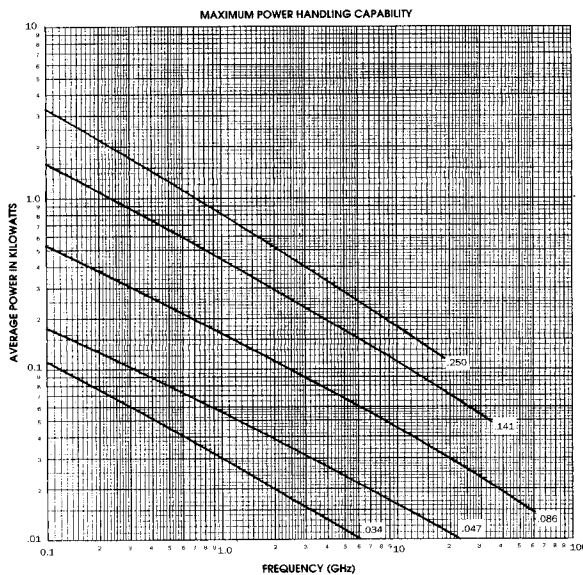


- Enhanced Formability-Tight bends without spring back
- Standard Sizes — .034" to .250"
- MIL-C-17 Qualified — see table for part numbers
- Standard Connectors — crimp or soldered
- Space and Weight Savings — reduced cost
- Low Loss/Phase Stable Versions — ask for data sheet
 - 30% loss improvement
 - 200% power increase
 - 100% phase stability improvement
 - 250C operating temperature (2x MIL-Spec)

The enhanced formability characteristic is depicted in the photo above and shows .141" EZ-Flex coiled to the normal .250" radius and to the reduced radius of .075".

To aid in the size selection process attenuation and power handling graphs are provided below. A table of basic electrical, mechanical and environmental data appears on the back of the page. For phase sensitive applications we recommend you contact our Product Engineering Group to discuss the requirements.

With over 40 years in the microwave coax design and manufacturing business Times has a wealth of experience for its customers to take advantage of. For assistance on your current and future semi-rigid cable applications contact us at the numbers listed below.



EZ-FLEX Table of Properties

Materials & Dimensions			Electrical			Mechanical & Environmental			
D	Times Part Number	Center Conductor (1)	Dielectric Core	Outer Conductor (2)	Impedance Capacitance Velocity	Dielectric Strength Corona Ext	Minimum Bend Radius	Weight Lengths(3) Adhesion(4)	Operating Temp Range
0 3 4	EF-50034B M17/154-00001	SCCS .008" +/- .002"	PTFE .026" +/- .001"	BC .034" +/- .001"	50 +/- 3.0 ohms	2000 Vrms	.025 inches	0.25 lbs/100'	-65 + 175 C
	TC .034" + .002-.001"			29.3 pf/ft	5 feet				
	SPC .034" + .002-.001"			69.5 %	0.5 lbs min 5.5 lbs max				
0 4 7	EF-50047B M17/151-00001	SCCS .0113" +/- .0002"	PTFE .037" +/- .001"	BC .047" +/- .001"	50 +/- 2.5 ohms	2000 Vrms	.035 inches	0.40 lbs/100'	-65 + 175 C
	TC .047" + .002-.001"			29.3 pf/ft	10 feet				
	SPC .047" + .002-.001"			69.5 %	2 lbs min 10 lbs max				
0 8 6	EF-50086B M17/133-00006	SCCS .0201" +/- .0005"	PTFE .066" +/- .001"	BC .086" +/- .001"	50 +/- 1.5 ohms	5000 Vrms	.050 inches	1.4 lbs/100'	-65 + 175 C
	TC .086" + .002-.001"			29.3 pf/ft	50 feet				
	SPC .086" + .002-.001"			69.5 %	4 lbs min 35 lbs max				
1 4 1	EF-50141B M17/130-00004	SCCS .0362" +/- .0005"	PTFE .1175" +/- .001"	BC .141" +/- .001"	50 +/- 1.0 ohms	5000 Vrms	.075 inches	3.4 lbs/100'	-65 + 125 C
	TC .141" + .002-.001"			29.3 pf/ft	50 feet				
	SPC .141" + .002-.001"			69.5 %	4 lbs min 65 lbs max				
2 5 0	EF-50250B M17/129-RG401	SCCS .0641" +/- .001"	PTFE .209" +/- .002"	BC .250" +/- .001"	50 +/- 0.5 ohms	7500 Vrms	.250 inches	25 lbs/100'	-65 + 90 C
	TC .250" + .002-.001"			29.3 pf/ft	50 feet				
	SPC .250" + .002-.001"			69.5 %	4 lbs min 100 lbs max				

Notes: (1) Optional Center Conductors Available (eg. SCCS(40A), SC, SCBeCu, SNCCS)

(2) Tin Plating 300u" minimum; MIL-T-10727 Type I.

(3) Silver Plating 300u" minimum; QQ-S-365 Type II Grade A

(4) Lengths furnished straight or coiled and cut as required.

(5) Higher adhesion available on request.

SCCS = Silver Coated Copper Clad Steel

PTFE = Polytetrafluoroethylene

BC = Bare Copper

TC = Tin Plated Copper

SC = Silver Plated Copper