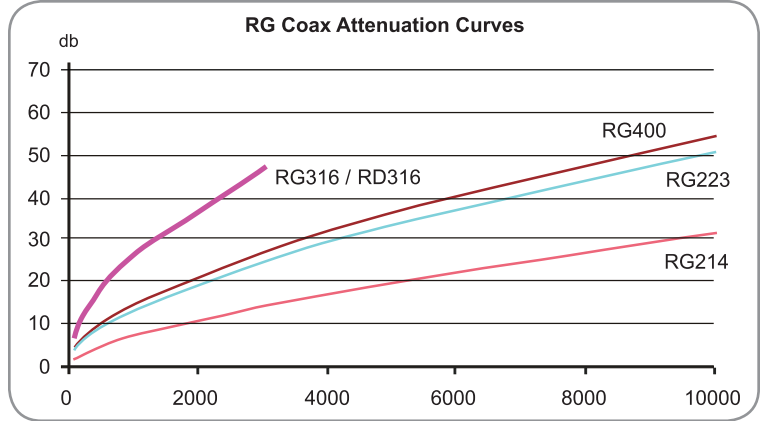
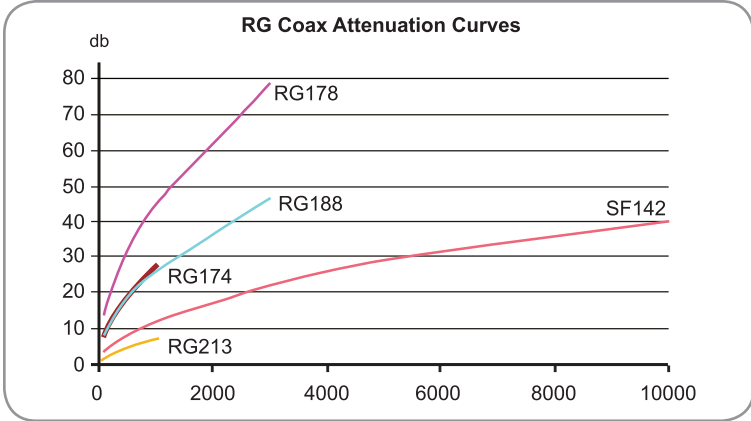
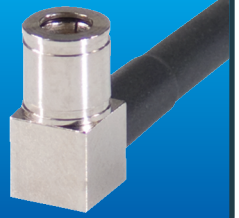




SRC Mil-C-17 Coax Cable Assemblies



RG & Mil-C-17 Replacement	SF142	RG174	RG178	RG188	RG213
Center Conductor	Silver Plated Copper Clad Steel	Copper Clad Steel	Silver Plated Copper Clad Steel	Silver Plated Copper Clad Steel	Bare Copper
Dimension in. (mm)	.037 (.94)	.0189 (.48)	.012 (.30)	.0201 (.05)	.0888 (2.26)
Dielectric	PTFE .116	PE .060	PTFE .033	PTFE .06	PE .285
Jacket	FEP .195	PVC-IIA .110	FEP .071	PTFE .105	PVC-IIA .405
Min. Inside Bend in. rad	1	0.5	0.4	0.5	2.0
Impedance Ohm	50	50	50	50	50
Capacitance pF/ft @ 1 GHz	29.4	30.8	29.4	29.4	30.8
Velocity of Propogation % of C	69.5	66	69.5	69.5	66
Shielding dB	90	40	40	40	60
Max Voltage vrms	1,900	1,500	750	1,200	5,000
Temperature range °C	-55 +200	-40 +185	-40 +150	-55 +250	-40 +185
Power (Max Freq) W	52	26	110	220	320
Cutoff Frequency MHz	34,000	1000	3000	3000	1000
Attenuation (dB/100 ft)					
100 MHz	3.6	8.4	13.8	8.0	2.0
400 MHz	7.3	17	27.8	16.2	4.3
1000 MHz	11.9	27.4	44.4	26.1	7.3
3000 MHz	21.8	NA	78.4	46.7	NA
5000 MHz	29.2	NA	NA	NA	NA
11000 MHz	42.1	NA	NA	NA	NA
Power (kW)					
100 MHz	1.86	0.10	0.19	1.0	1.00
400 MHz	0.90	0.05	0.12	0.47	0.47
1000 MHz	0.55	0.03	0.07	0.28	0.28
3000 MHz	0.30	NA	0.04	0.14	NA
5000 MHz	0.22	NA	NA	NA	NA
11000 MHz	0.16	NA	NA	NA	NA