

RG Equivalent Cable

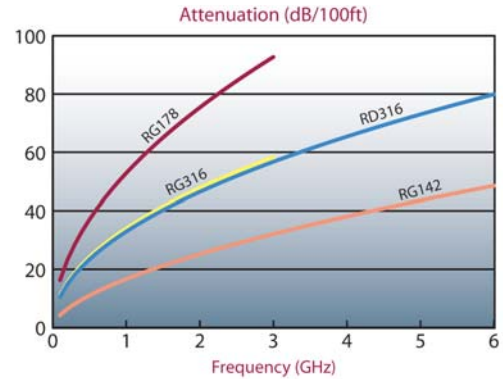
The Semflex line of RG equivalent cables is designed to meet or exceed the requirements designated in MIL-C-17 for coaxial cables. RGE cables offer the optimum flexibility, shielding and performance with price in mind. Current product offerings include: RGE178, RGE316, RDE316 and RGE142. All are cable constructed for use with commercially available RG crimp or clamp connectors.



CABLE PROPERTIES

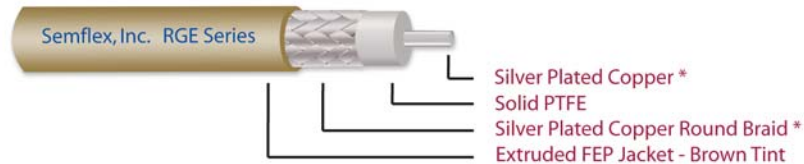
	Impedance (ohms)	Capacitance (pf/ft)	Max Oper Voltage	Center Conductor	Dielectric Material	Dia over Dielectric	Shield Type	Jacket Material	Dia over Jacket	Operating Temp (°C)	Weight (lbs/ft)
RGE178	50	29.4	1,000	.012 Stranded	PTFE	.063	I	FEP	.071	-55/200	.006
RGE316	50	29.4	1,200	.020 Stranded	PTFE	.060	I	FEP	.098	-55/200	.012
RDE316	50	29.4	1,200	.020 Stranded	PTFE	.060	II	FEP	.114	-55/200	.019
RGE142	50	19.5	1,900	.037 Solid	PTFE	.116	II	FEP	.195	-55/200	.043

Frequency (GHz)	RGE178 (dB/100 ft)	RGE316 (dB/100 ft)	RDE316 (dB/100 ft)	RGE142 (dB/100 ft)
0.1	16.3	11	10.6	4.2
0.2	23.2	15.4	14.9	6.4
0.5	37.1	24.2	23.4	11
1	52.9	34	32.9	16.7
2	75.3	47.8	46.4	25.2
3	92.7	58.3	56.7	32.1
6	-	-	79.9	48.5

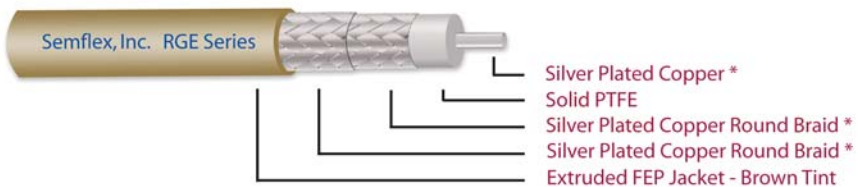


CABLE CONSTRUCTION

TYPE I - Single Shield Construction



TYPE II - Double Shield Construction



* Silver Plating per ASTM-B-289

