

Coaxial Cable Attenuation Chart

Nominal attenuation of 30.5 metres (100ft)

Cable Type	RFI Part Number	70-85 MHz	148-174 MHz	400-520 MHz	806-960 MHz	2.4-2.45 GHz	5.8-5.85 GHz
RG178B/U	8178	12.4 dB	17.0 dB	30.4 dB	40.8 dB	–	–
RG179	8179	9.2 dB	11.5 dB	17.0 dB	22.3 dB	–	–
RG174/U	8174	7.8 dB	10.8 dB	19.2 dB	26.9 dB	–	–
RG58C/U	8058	4.6 dB	7.1 dB	13.5 dB	18.2 dB	–	–
CELLFOAM™	9001	4.1 dB	5.6 dB	9.8 dB	13.2 dB	–	–
CELLFOIL™	9006	2.8 dB	4.2 dB	6.9 dB	9.0 dB	–	–
RG142B/U	8142	3.3 dB	4.9 dB	8.9 dB	12.0 dB	–	–
RG223/U	8223	4.2 dB	5.7 dB	10.0 dB	13.7 dB	–	–
RG59B/U	8059	3.1 dB	4.9 dB	9.0 dB	13.2 dB	–	–
RG62A/U	8062	2.3 dB	3.4 dB	5.9 dB	8.0 dB	–	–
RG11/U	8011	1.8 dB	2.5 dB	4.8 dB	6.6 dB	–	–
RG213/U	8213	2.0 dB	2.6 dB	5.0 dB	7.4 dB	–	–
RG214/U	8214	1.9 dB	2.6 dB	5.0 dB	7.4 dB	–	–
10D-FB Type	9005	0.9 dB	1.2 dB	2.4 dB	3.1 dB	–	–
RG8 Type	CNT-400	1.2 dB	1.7 dB	3.1 dB	4.5 dB	7.0 dB	10.6dB
1/4" Superflex	FSJ1-50	1.3 dB	2.2 dB	4.2 dB	5.6 dB	9.9 dB	15.8dB
3/8" Superflex	FSJ2-50	1.1 dB	1.5 dB	2.8 dB	3.8 dB	6.9 dB	10.9dB
1/2" Superflex	FSJ4-50	0.8 dB	1.3 dB	2.4 dB	3.4 dB	5.9 dB	10.2dB
1/4" HELIAX®	LDF1-50	1.1 dB	1.5 dB	2.7 dB	3.6 dB	5.8 dB	11.2dB
3/8" HELIAX®	LDF2-50	0.9 dB	1.3 dB	2.3 dB	3.3 dB	5.7 dB	9.5dB
1/2" HELIAX®	LDF4-50	0.6 dB	0.8 dB	1.6 dB	2.2 dB	3.7 dB	5.9dB
7/8" HELIAX®	VXL5-50	0.3 dB	0.5 dB	0.9 dB	1.3 dB	2.3 dB	–
7/8" HELIAX®	AVA5-50	0.3 dB	0.4 dB	0.8 dB	1.1 dB	2.0 dB	–
7/8" HELIAX®	LDF5-50	0.3 dB	0.4 dB	0.9 dB	1.2 dB	2.1 dB	–
1 1/4" HELIAX®	LDF6-50	0.2 dB	0.3 dB	0.6 dB	0.9 dB	1.6 dB	–
1 5/8" HELIAX®	LDF7-50	0.2 dB	0.3 dB	0.5 dB	0.7 dB	1.4 dB	–

