

Flexible RF cable

ENVIROFLEX_316_D-01 **Item: 84011098**

Matrix typical Attenuation [formula: $(a \cdot f^{0.5} + b \cdot f)$] and maximum Power CW [formula: $(p/f^{0.5})$]

Coefficients:

a = 0.7648

b = 0.1301

$f_{\max} = 6$

P at 1GHz = 110

Frequency (GHz)	Nom. attenuation (dB / m) sea level 25° C ambient temperature	Nom. attenuation (dB / ft) sea level 25° C ambient temperature	Max. CW power (W) sea level 40° C ambient temperature
0.3	0.46	0.140	201
0.6	0.67	0.204	142
0.9	0.84	0.257	116
1.2	0.99	0.303	100
1.5	1.13	0.345	90
1.8	1.26	0.384	82
2.1	1.38	0.421	76
2.4	1.5	0.456	71
2.7	1.61	0.490	67
3.0	1.71	0.523	64
3.3	1.82	0.554	61
3.6	1.92	0.585	58
3.9	2.02	0.615	56
4.2	2.11	0.644	54
4.5	2.21	0.673	52
4.8	2.3	0.701	50
5.1	2.39	0.729	49
5.4	2.48	0.756	47
5.7	2.57	0.783	46
6.0	2.65	0.809	45