

Flexible RF cable

RADOX_RF_316_D **Item: 85023719**

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} = 8

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 |
|--------------------|---|--|---|
| 0.4 | 0.54 | 0.163 | 174 |
| 0.8 | 0.79 | 0.240 | 123 |
| 1.2 | 0.99 | 0.303 | 100 |
| 1.6 | 1.18 | 0.358 | 87 |
| 2.0 | 1.34 | 0.409 | 78 |
| 2.4 | 1.5 | 0.456 | 71 |
| 2.8 | 1.64 | 0.501 | 66 |
| 3.2 | 1.78 | 0.544 | 61 |
| 3.6 | 1.92 | 0.585 | 58 |
| 4.0 | 2.05 | 0.625 | 55 |
| 4.4 | 2.18 | 0.663 | 52 |
| 4.8 | 2.3 | 0.701 | 50 |
| 5.2 | 2.42 | 0.738 | 48 |
| 5.6 | 2.54 | 0.774 | 46 |
| 6.0 | 2.65 | 0.809 | 45 |
| 6.4 | 2.77 | 0.843 | 43 |
| 6.8 | 2.88 | 0.877 | 42 |
| 7.2 | 2.99 | 0.911 | 41 |
| 7.6 | 3.1 | 0.944 | 40 |
| 8.0 | 3.2 | 0.977 | 39 |