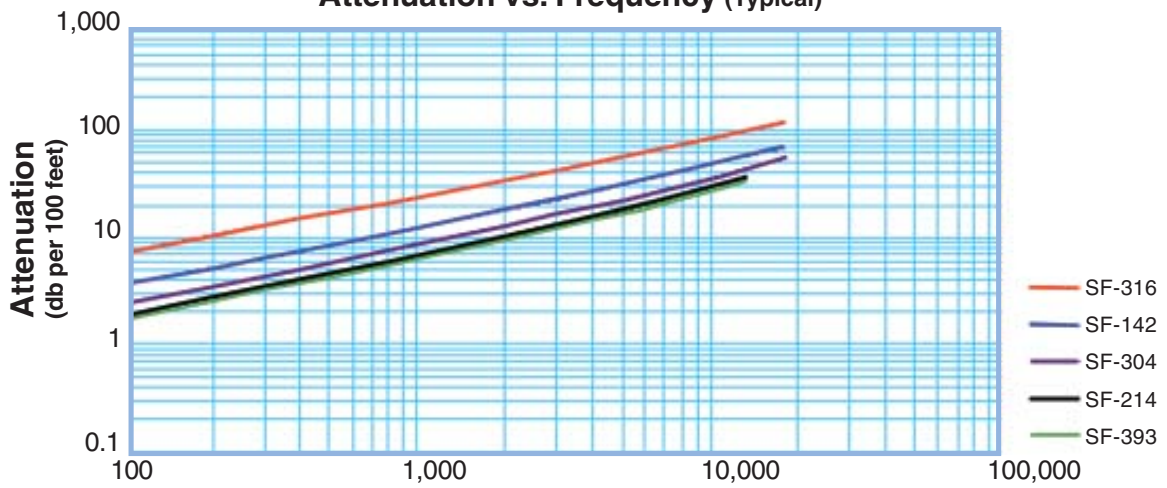
- Low Passive Intermod
- High Temperature /Low Temperature
- High Power

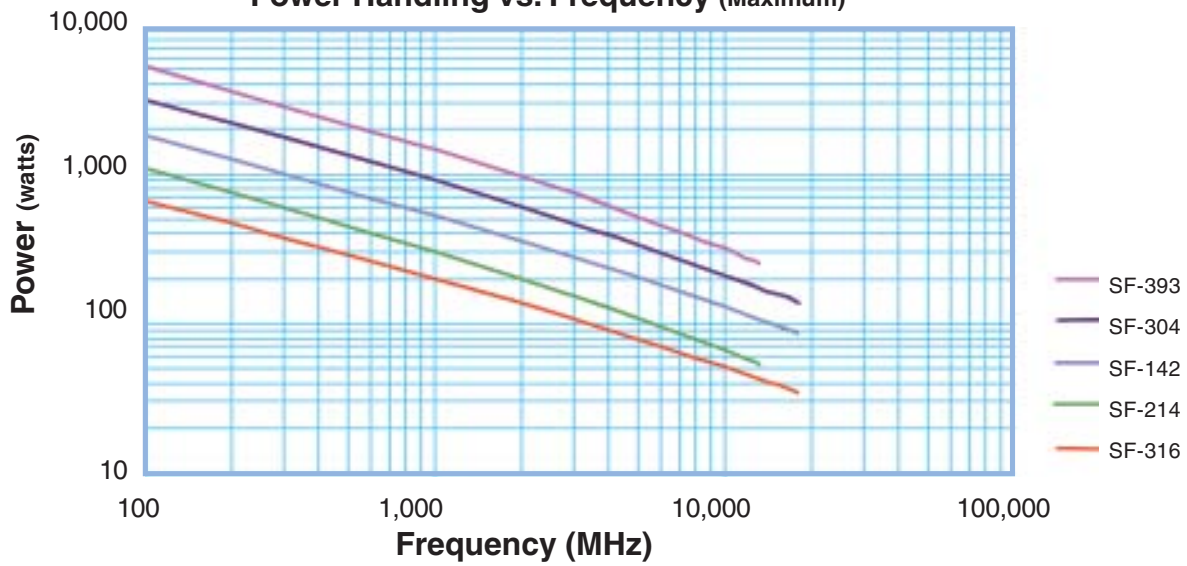
## Attenuation vs. Frequency (Typical)




| Frequency (MHz) | 100 | 400 | 1,000 | 2,000 | 3,000 | 5,000 | 10,000 | 12,000 | 13,500 | 16,000 | 18,000 | k1 | k2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SF-316 | 7.2 | 15 | 24 | 34 | 42 | 56 | 83 | 92 | 98 | 109 | 117 | 0.708 | 0.00120 |
| SF-142 | 3.6 | 7.4 | 12 | 18 | 23 | 31 | 47 | 53 | 57 | 63 | 68 | 0.348 | 0.00120 |
| SF-304 | 2.4 | 5.1 | 8.5 | 13 | 16 | 22 | 35 | 40 | 43 | 48 | 53 | 0.231 | 0.00120 |
| SF-214 | 1.8 | 3.9 | 6.7 | 10 | 13 | 18 | 30 | 34 | 37 | - | - | 0.172 | 0.00126 |
| SF-393 | 1.8 | 3.8 | 6.4 | 10 | 13 | 18 | 28 | 32 | 35 | - | - | 0.164 | 0.00120 |

Attenuation at Any Frequency = [ k1 x SQRT (Fmhz ] + [ k2 x Fmhz ]; dB per 100 feet

## Power Handling vs. Frequency (Maximum)




| Frequency (MHz) | 100 | 400 | 1,000 | 2,000 | 3,000 | 5,000 | 10,000 | 12,000 | 13,500 | 16,000 | 18,000 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SF-393 | 5303 | 2474 | 1450 | 946 | 729 | 517 | 315 | 274 | 251 | - | -- |
| SF-304 | 3192 | 1514 | 903 | 599 | 467 | 336 | 210 | 184 | 169 | 149 | 136 |
| SF-142 | 1796 | 864 | 522 | 352 | 277 | 202 | 129 | 114 | 105 | 93 | 85 |
| SF-214 | 1102 | 515 | 302 | 197 | 152 | 108 | 66 | 58 | 53 | - | - |
| SF-316 | 672 | 328 | 200 | 136 | 108 | 80 | 52 | 46 | 42 | 38 | 35 |

Watts; Sea Level; Ambient +40C; VSWR 1:1