PERFORMANCE SPECIFICATIONS:

FREQUENCY RANGE: DC – 40 GHz
STANDARD dB VALUES: 3, 6, 10, 20, 30 dB

ACCURACY OF ATTENUATION:
DC–26.5 GHz
0, 3, & 6dB ±0.5 dB
10 & 20dB ±0.6 dB
30dB ±0.8 dB
26.5–40.0 GHz
0, 3, & 6dB ±0.8 dB
10 & 20dB ±1.0 dB
30dB ±1.0 dB

VSWR:
DC – 18 GHz 1.30:1 MAX.
18 – 40 GHz 1.40:1 MAX.

INPUT POWER:
2 WATTS AVG. AT 25°C DERATED to 26.5GHz:
LINEARLY TO 0.5W @ +125°C

26.5 to 40.0GHz:
1 WATT AVG. AT 25°C DERATED LINEARLY TO 0.5W @ +125°C

PEAK POWER:
100 WATTS MAX. (5uSEC PULSE, .05% DUTY CYCLE)

IMPEDANCE:
50 OHMS

OPERATING TEMP. RANGE:
-65°C TO +125°C

RF LEAKAGE:
90dB MIN.

MATERIALS:
PASSEIVED STAINLESS STEEL
2.9mm CONNECTORS: Au PLATED BERYLLIUM COPPER

PHYSICAL SPECIFICATIONS:

<table>
<thead>
<tr>
<th>MODEL</th>
<th>dB VALUE</th>
<th>DIMENSION A (LENGTH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.5GHz</td>
<td>0–12dB</td>
<td>.88 ±0.05 [22.4 ±1.3]</td>
</tr>
<tr>
<td></td>
<td>13–30dB</td>
<td>1.01 ±0.05 [25.7 ±1.3]</td>
</tr>
<tr>
<td>40.0GHz</td>
<td>0–30dB</td>
<td>.88 ±0.05 [22.4 ±1.3]</td>
</tr>
</tbody>
</table>

NOTE: DIMENSIONS IN BRACKETS DENOTE MILLIMETERS.

ORDERING INFORMATION:

FREQ. RANGE MODEL NO.
DC–26.5 GHz 2108
DC–40.0 GHz 2109

WHEN ORDERING, INSERT THE DESIRED FREQ. RANGE, & dB VALUE INTO THE MODEL NUMBER:
EX: MOD.# 2108–6 = DC–26.5GHz – 6dB ATTENUATOR.

THE ABOVE NOTED dB VALUES, AND FREQ. RANGES ARE STD. MODELS ONLY. UNITS WITH SPECIAL CONNECTORS,
FREQ. RANGES, AND dB VALUES ARE AVAILABLE ON SPECIAL ORDER.