PERFORMANCE SPECIFICATIONS:

FREQUENCY RANGE: DC – 23 GHz
STANDARD dB VALUES: 0–10, 12, 15, 20, 30 dB
ATTENUATION ACCURACY: DC–18 GHz 18–23 GHz
0 – 6dB ±0.3 dB ±0.4 dB
7 – 20dB ±0.5 dB ±0.6 dB
21 – 30dB ±0.75 dB ±0.8 dB

VSWR:
DC – 4GHz 1.15:1 MAX.
4 – 8GHz 1.20:1 MAX.
8 – 12.4GHz 1.25:1 MAX.
12.4 – 18GHz 1.35:1 MAX.
18 – 23GHz 1.40:1 MAX.

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

PEAK POWER: 250W MAX., (5uSec PULSE, 0.05% DUTY CYCLE)

IMPEDANCE: 50 OHMS
OPERATING TEMP. RANGE: −65°C TO +125°C

IMATERIALS:
2.9mm CONNECTORS: PASSIVATED STAINLESS STEEL
CONDUCTORS: Au PLATED BERYLLIUM COPPER

ORDERING INFORMATION:

FREQ. RANGE MODEL NO.
DC–6.5 GHz 3105
DC–12.4 GHz 3106
DC–18.0 GHz 3107
DC–23.0 GHz 3108

WHEN ORDERING, INSERT THE DESIRED FREQ. RANGE, & dB VALUE INTO THE MODEL NUMBER:
EX. MOD.# 3107–6 = DC–18.0GHz, 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.

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>0.86 ±0.05 [21.8 ±1.3]</td>
</tr>
<tr>
<td></td>
<td>13–30dB</td>
<td>0.99 ±0.05 [25.1 ±1.3]</td>
</tr>
</tbody>
</table>

NOTE: DIMENSIONS IN BRACKETS DENOTE MILLIMETERS.