**ELECTRICAL SPECIFICATIONS:**

1. CONNECTORS: TYPE-N FEMALE (JACK), 50 OHM
2. CONNECTOR BODY: BRASS, TRI-ALLOY PLATE
3. CONNECTOR PIN: PHOSPHOR BRONZE, GOLD PLATE
4. INSULATOR: PTFE, VIRGIN ELECTRICAL GRADE
5. HOUSING: ALUMINUM, CLEAR CHEM FILM
6. SOLDER: LEAD FREE, RoHS COMPLIANT
7. PROTECTION RATING: IP67 WATER AND WEATHER RESISTANT
8. OPERATING TEMP: -65°C TO +85°C
9. WEIGHT: 317 GRAMS

**MECHANICAL SPECIFICATIONS:**

**DESCRIPTION**

1. FREQUENCY RANGE: 2400 - 6000 MHz
2. IMPEDANCE: 50 OHMS
3. INSERTION LOSS (MAX): 0.8 dB (ABOVE 4.77 dB SPLIT)
4. AMPLITUDE BALANCE (MAX): 0.3 dB
5. PHASE BALANCE (MAX): 4 DEGREES
6. ISOLATION (MIN): 17 dB
7. INPUT VSWR (MAX): 1.50 : 1
8. OUTPUT VSWR (MAX): 1.40 : 1

**RF INPUT POWER RATING (POWER DIVIDER SPLITTER):**

<table>
<thead>
<tr>
<th>INTO MATCHED LOAD VSWR's</th>
<th>IN-PHASE</th>
<th>180° OUT-OF-PHASE</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2 : 1</td>
<td>30 WATTS</td>
<td>30 WATTS</td>
</tr>
<tr>
<td>2.0 : 1</td>
<td>30 WATTS</td>
<td>15 WATTS</td>
</tr>
<tr>
<td>∞</td>
<td>15 WATTS</td>
<td>1.5 WATTS</td>
</tr>
</tbody>
</table>

**RF INPUT POWER RATING (POWER COMBINER):**

<table>
<thead>
<tr>
<th>COHERENT SIGNALS (IN-PHASE)</th>
<th>3 X 10 WATTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>COHERENT SIGNALS (180° OUT-OF-PHASE)</td>
<td>3 X 0.5 WATTS</td>
</tr>
<tr>
<td>NON-COHERENT SIGNALS</td>
<td>3 X 1 WATTS</td>
</tr>
<tr>
<td>OTHER CONDITIONS - CONSULT FACTORY</td>
<td></td>
</tr>
</tbody>
</table>

**MODEL NO.**

PD2468

**TITLE**

3 WAY POWER DIVIDER COMBINER, N-TYPE, 2400 - 6000 MHz, 30W, 50 OHM, 0 DEGREE, (IN-PHASE), RoHS, IP67 WEATHERPROOF