Microlab  BK-69  Diplexer enables equipment overlay of WCS band or 2600 TDD band onto existing wireless systems. To minimize inter-reaction between the two input bands they are well isolated and have minimal insertion loss over their respective frequency bands.

$ Saver Product Line$

- Integrates WCS and 2600 TDD with other wireless bands
- Low PIM Guaranteed
- Up to 250W/input CW Avg. Power
- Rugged, High Reliability
- 50 dB Input Isolation
- Minimal RF Insertion Loss & Ripple
- RoHS compliant

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Connectors</th>
<th>Input Power</th>
<th>Weight, max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>BK-69D</td>
<td>7-16 (f)</td>
<td>250W</td>
<td>4.4 (2.0)</td>
</tr>
</tbody>
</table>

Frequency Bands:
- Port 1: 698 - 960 MHz, 1695 - 2200 MHz
- Port 2: 2300 - 2700 MHz
- Isolation: >50 dB, between input ports
- Return loss, all ports: >19 dB
- Passband Loss: <0.5 dB
- Intermod. Distortion: <-161 dBc, (test with 2 +43dBm tones)
- Impedance: 50Ω nominal
- Environment: -40°C to +65°C, IP67
- Finish: Connectors: Triplate
- Housing: Gray Paint
BK-69D Outline