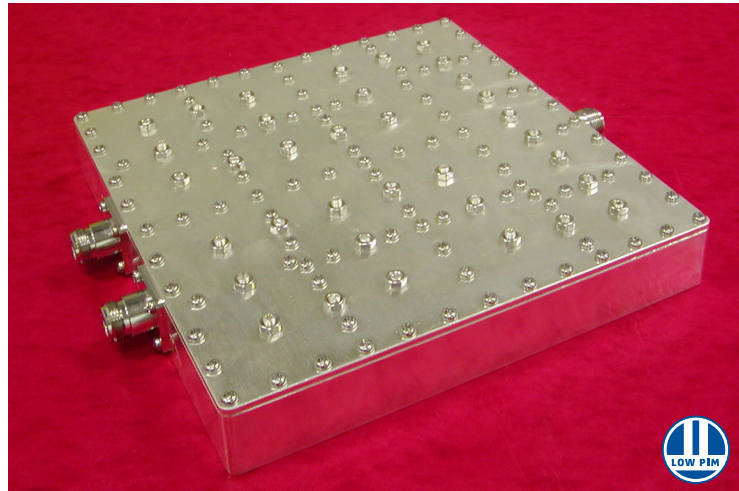


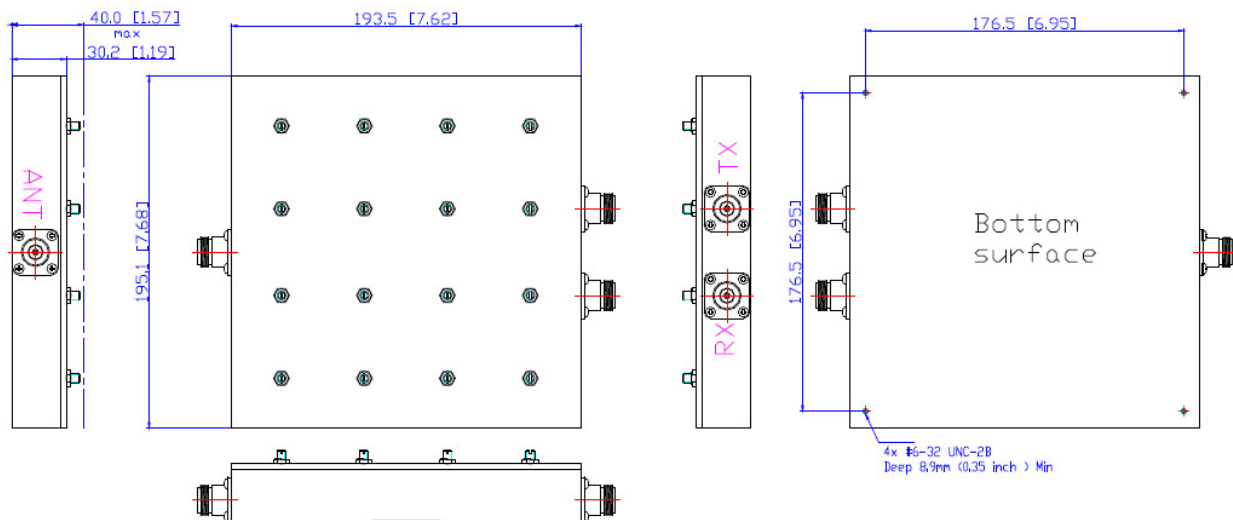
\$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for 1900 MHz systems
- ◆ -161 dBc specified PIM
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 200W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N or 4.3-10 connectors



Model/Connector	4.3-10 (f)	7-16 (f)
BL-25N	BL-25E	*BL-25D
*7-16 model in development		

<p>Microlab Cavity Duplexer Model BL-25 series allows combination and separation of the Tx and Rx signals in a high power duplex 1900 MHz signal, including G band. Units provide high isolation, and low insertion loss.</p> <p>Attention to mechanical design, ensures low loss, and high reliability. Other models available for different bands and powers.</p>	<p>Rx Passband: 1850 - 1915 MHz (Rx Port)</p> <p>Tx Passband: 1930 - 1995 MHz (Tx Port)</p> <p>Bandwidth, Tx and Rx: 65 MHz</p> <p>Insertion Loss: 1.0 dB typ., 1.2 dB max.</p> <p>Return Loss, all ports: 19 dB min.</p> <p>PIM (Intermod): -161 dBc (measured using two +43 dBm tones)</p> <p>Input Isolation: >70dB (between Tx/Rx bands)</p> <p>Power Rating: 120W avg., 1 kW peak</p> <p>Impedance: 50Ω nominal</p> <p>Environment: -40°C to +85°C</p> <p>Finish: Connectors: Triplate</p> <p>Housing Finish: Passivated aluminum</p> <p>Weight, nom: 3.40 lb., 1.55 kg</p>
---	---



Note: Specifications are subject to change without prior notification.

18NOV2015