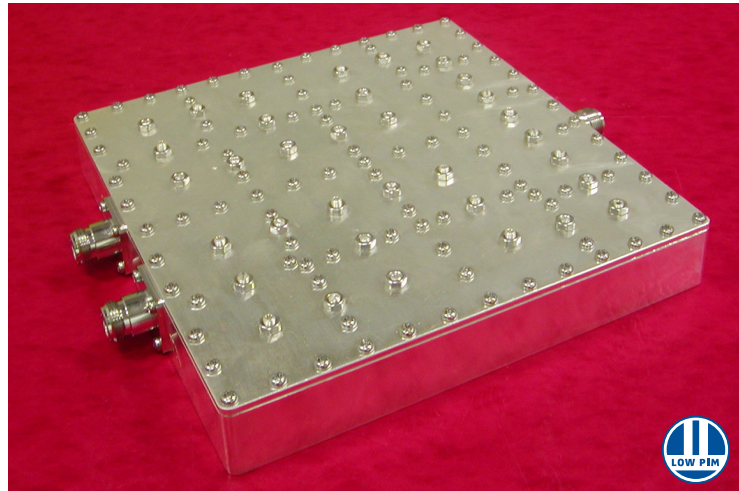


\$ Saver Product Line

- ◆ 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

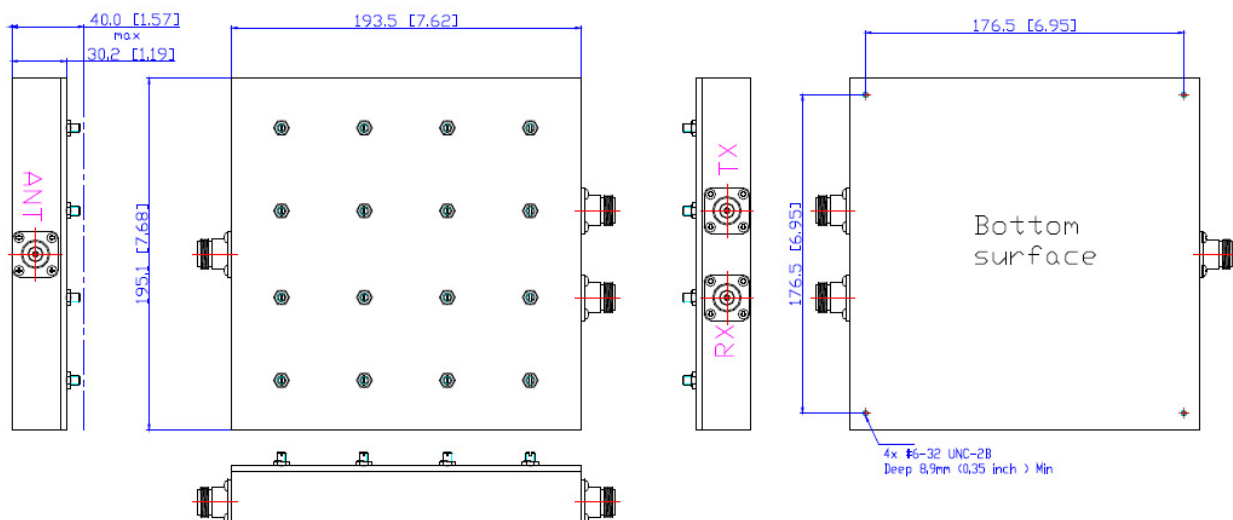


Model/Connector	4.3-10 (f)	7-16 (f)
N (f)	4.3-10 (f)	7-16 (f)
BL-25N	BL-25E	*BL-25D
	*7-16 model in development	

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.

Attention to mechanical design, ensures low loss, and high reliability. Other models available for different bands and powers.

Rx Passband:	1850 - 1915 MHz (Rx Port)
Tx Passband:	1930 - 1995 MHz (Tx Port)
Bandwidth, Tx and Rx:	65 MHz
Insertion Loss:	1.0 dB typ., 1.2 dB max.
Return Loss, all ports:	19 dB min.
PIM (Intermod):	-161 dBc (measured using two +43 dBm tones)
Input Isolation:	>70dB (between Tx/Rx bands)
Power Rating:	120W avg., 1 kW peak
Impedance:	50Ω nominal
Environment:	-40°C to +85°C
Finish: Connectors:	Triplate
Housing Finish:	Passivated aluminum
Weight, nom:	3.40 lb., 1.55 kg



Note: Specifications are subject to change without prior notification.

18NOV2015