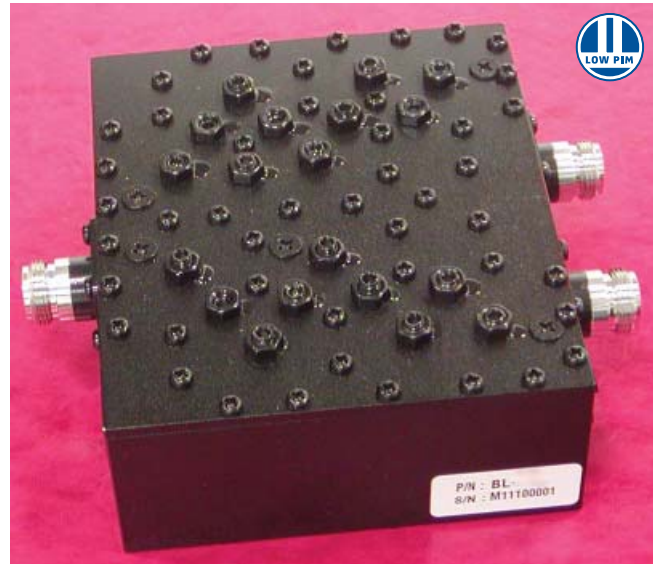


\$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for iDEN 800 MHz systems
- ◆ <-153 dBc specified PIM
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 60W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N connectors

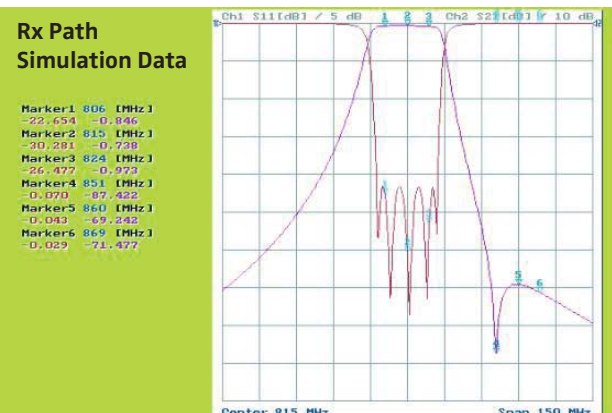


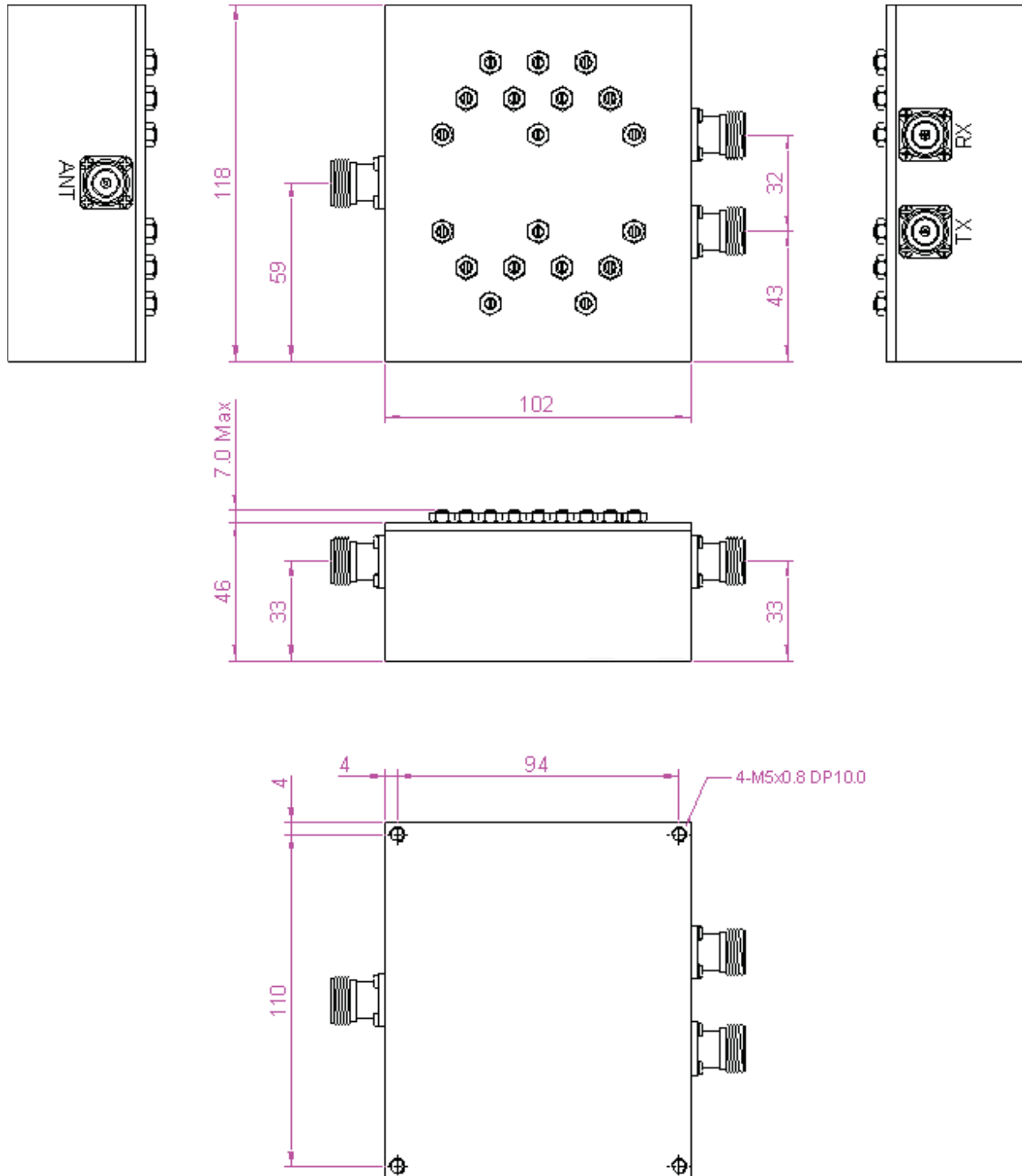
	Model/Connector N (f)	7-16 (f)
iDEN 800 MHz Duplexer	BL-18N	*BL-18D
	*7-16 model in development	

Microlab Cavity Duplexer Model BL-18 series allows combination and separation of the Tx and Rx signals in a duplex iDEN 800 MHz signal. 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. (08/13).

Rx Passband:	806-824 (Rx Port)
Tx Passband:	851-869 MHz (Tx Port)
Bandwidth, Tx and Rx:	18 MHz
Insertion Loss:	1.2 dB max.
Return Loss, all ports:	18 dB min.
PIM (Intermod):	<-153 dBc (measured in Rx Block using two +43 dBm tones in corresponding Tx Block)
Input Isolation:	>65dB (between Tx/Rx bands)
Power Rating:	60W avg., 5 kW peak
Impedance:	50Ω nominal
Environment:	-30°C to +70°C, IP64
Finish: Connectors:	N (f) or 7-16 mm triplated
Housing Finish:	Black epoxy painted aluminum
Weight, nom:	8.5 lb., 3.8 kg





All dimensions in mm nominal