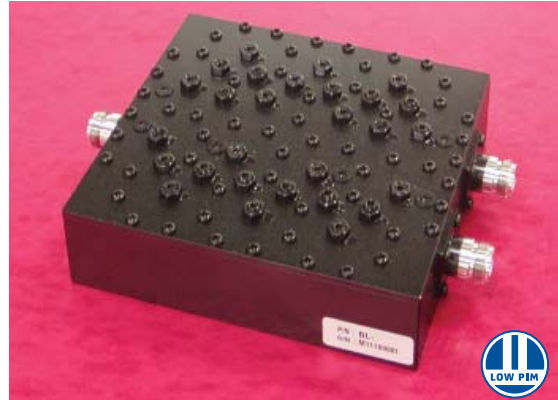


### \$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for US PCS Systems with High Isolation
- ◆ <-153 dBc specified PIM
- ◆ Low Insertion Loss
- ◆ Up to 60W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N connectors

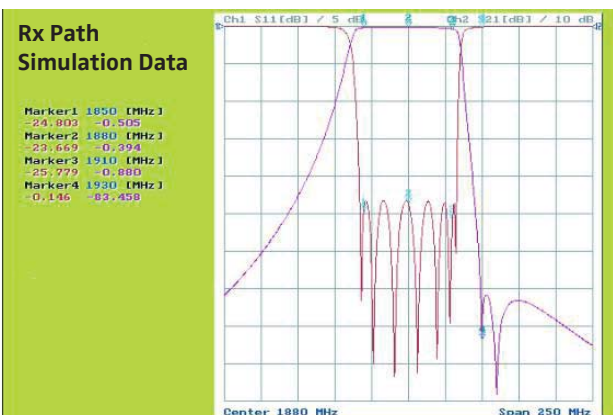


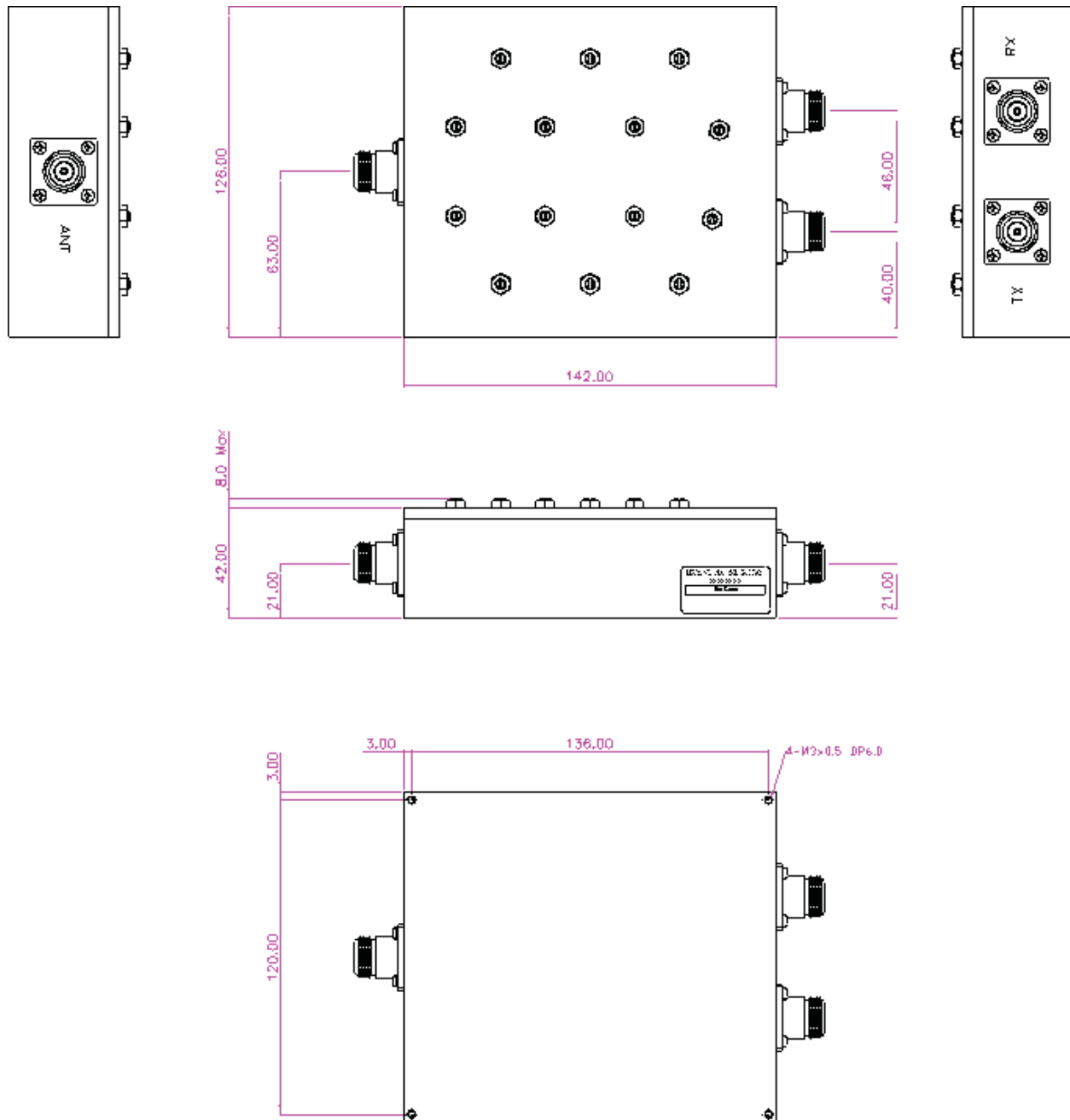
	Model/Connector N (f)	7-16 (f)
PCS Duplexer	<b>BL-13N</b>	<b>*BL-13D</b>
	*7-16 model in development	

Microlab Cavity Duplexer Model BL-13 series allows combination and separation of the Tx and Rx signals in a duplex PCS 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).

PCS Rx Passband:	1850 - 1910 MHz (Rx Port)
PCS Tx Passband:	1930 - 1990 MHz (Tx Port)
Bandwidth, Tx and Rx:	60 MHz
Insertion Loss:	1 dB max.
Passband Ripple:	0.8 dB max.
Return Loss, all ports:	20 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..
Impedance:	50Ω nominal
Environment:	-30°C to +80°C, IP64
Finish: Connectors:	N (f) triplated
Housing Finish:	Painted aluminum
Weight, nom:	4.1 lb., 1.9 kg





All dimensions in mm nominal