

\$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for for US PCS Systems
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 20W power
- ◆ High reliability
- ◆ RoHS Compliant

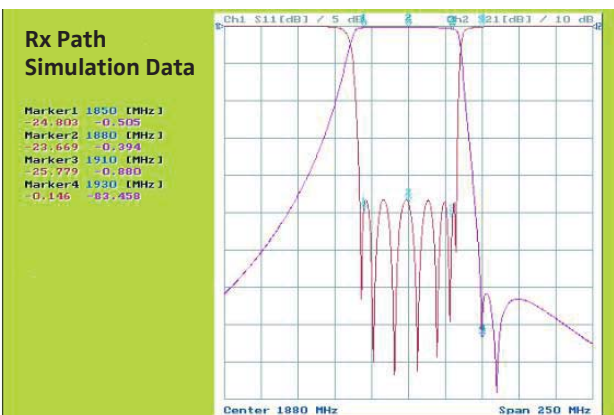


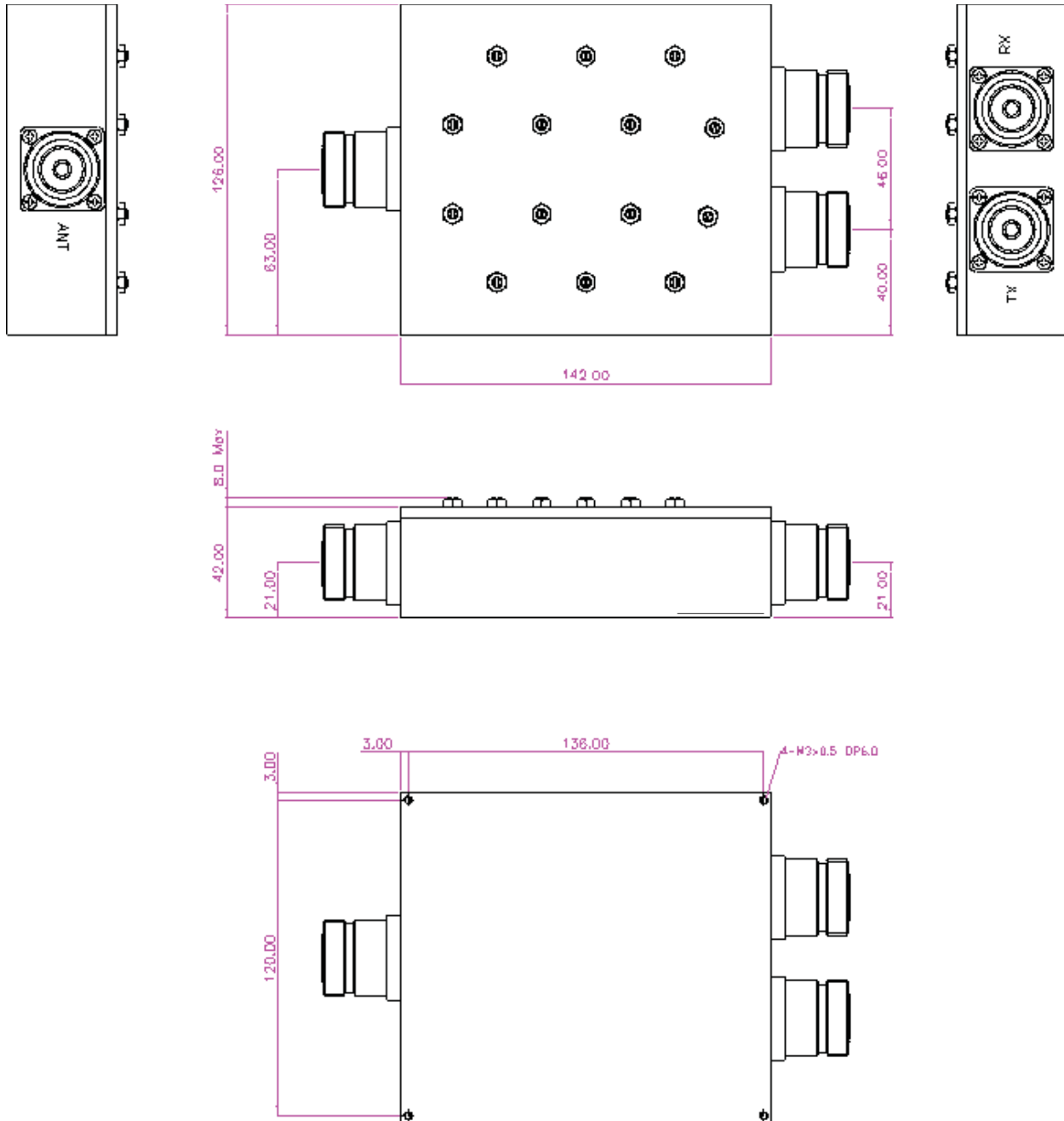
	Model/Connector	
	N (f)	7-16 (f)
US PCS Systems Duplexer	BL-12N	BL-12D

Microlab Duplexer, BL-12 series allows combination and separation of the Tx and Rx signals in a duplex PCS system signal.

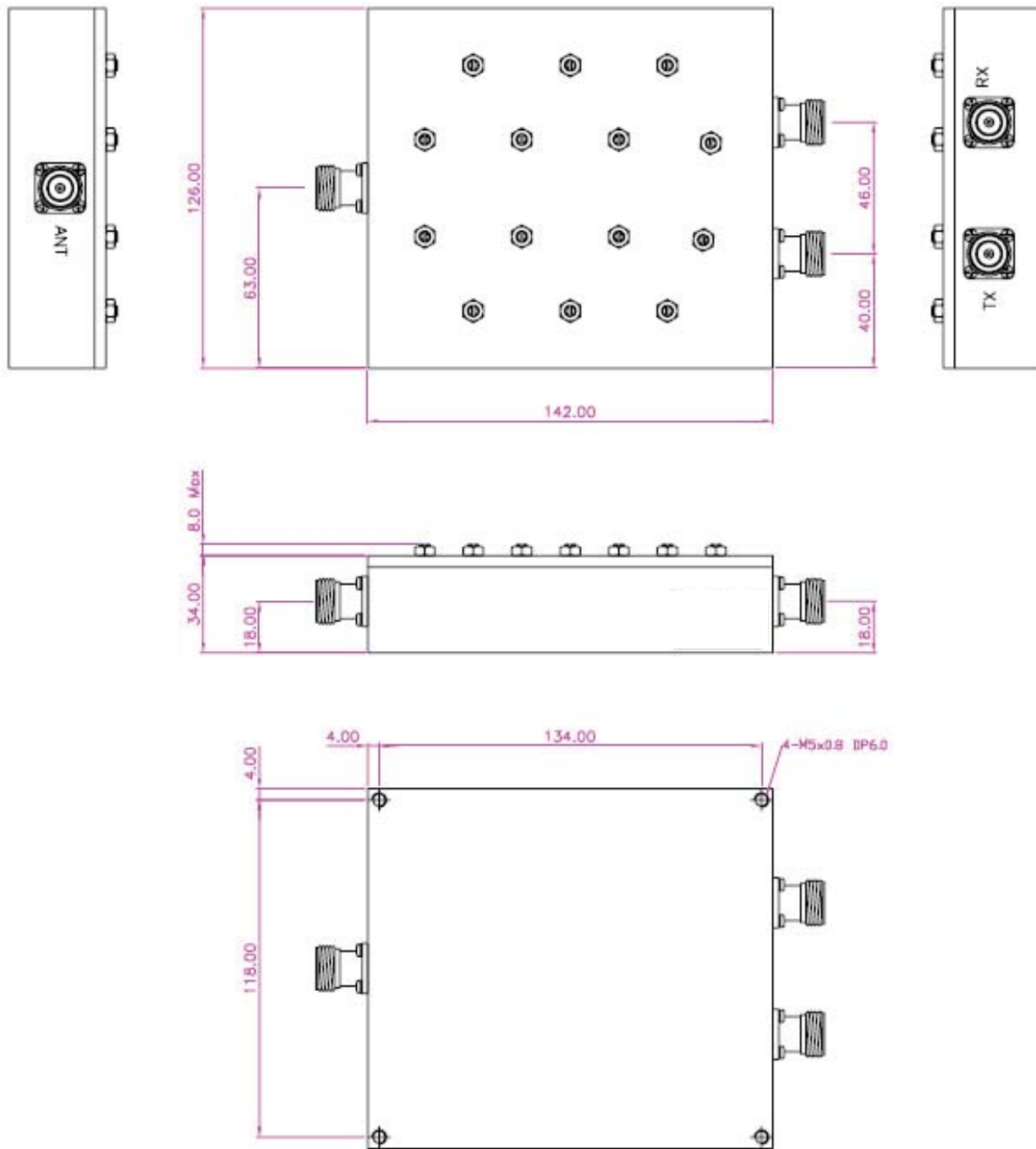
Units provide high isolation, and low insertion loss. Attention to mechanical design, ensures low loss, and high reliability. (04/13).

Rx Passband:	1850 - 1910 MHz (Rx Port)
Tx Passband:	1930 - 1990 MHz (Tx Port)
Bandwidth, Tx and Rx:	60 MHz
Insertion Loss:	1.0 dB max
Passband Ripple:	0.8 dB max
Input Isolation:	>65dB (between Tx/Rx bands)
Return Loss, all ports:	18 dB min.
Power Rating:	20W avg./input
Impedance:	50Ω nominal
Environment:	-30°C to +80°C, IP64
Finish: Connectors:	7-16 (f) or N(f) triplated
Housing Finish:	Epoxy Painted aluminum
Weight, nom:	4.1 lb., 1.9 kg



BL-12D Outline


All dimensions in mm nominal

BL-12N Outline


All dimensions in mm nominal