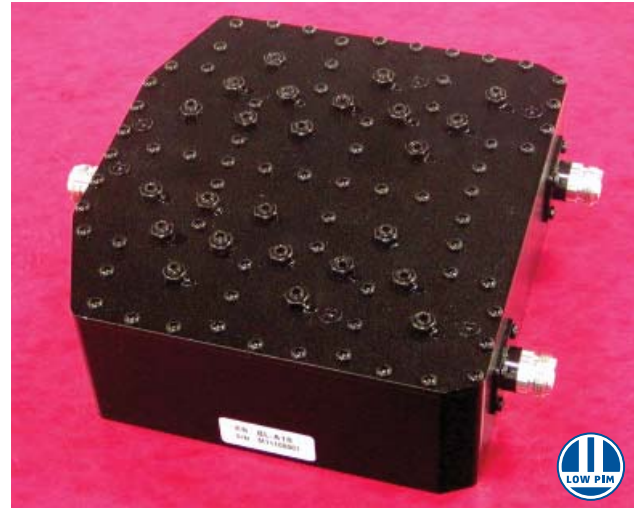


\$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for 700 MHz Systems Upper Block C
- ◆ <-153 dBc specified PIM
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 300W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N connectors

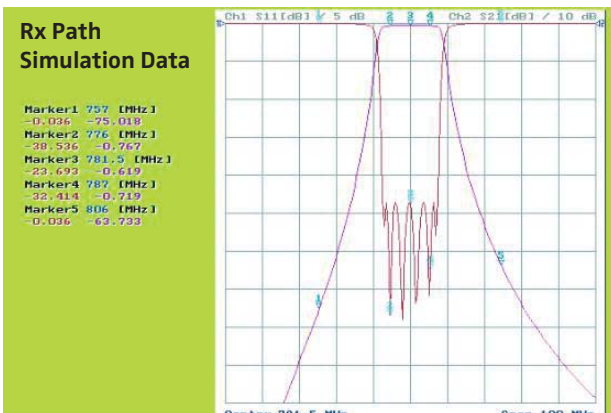
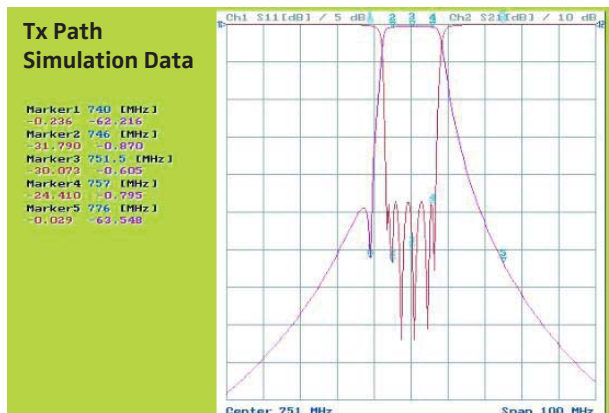


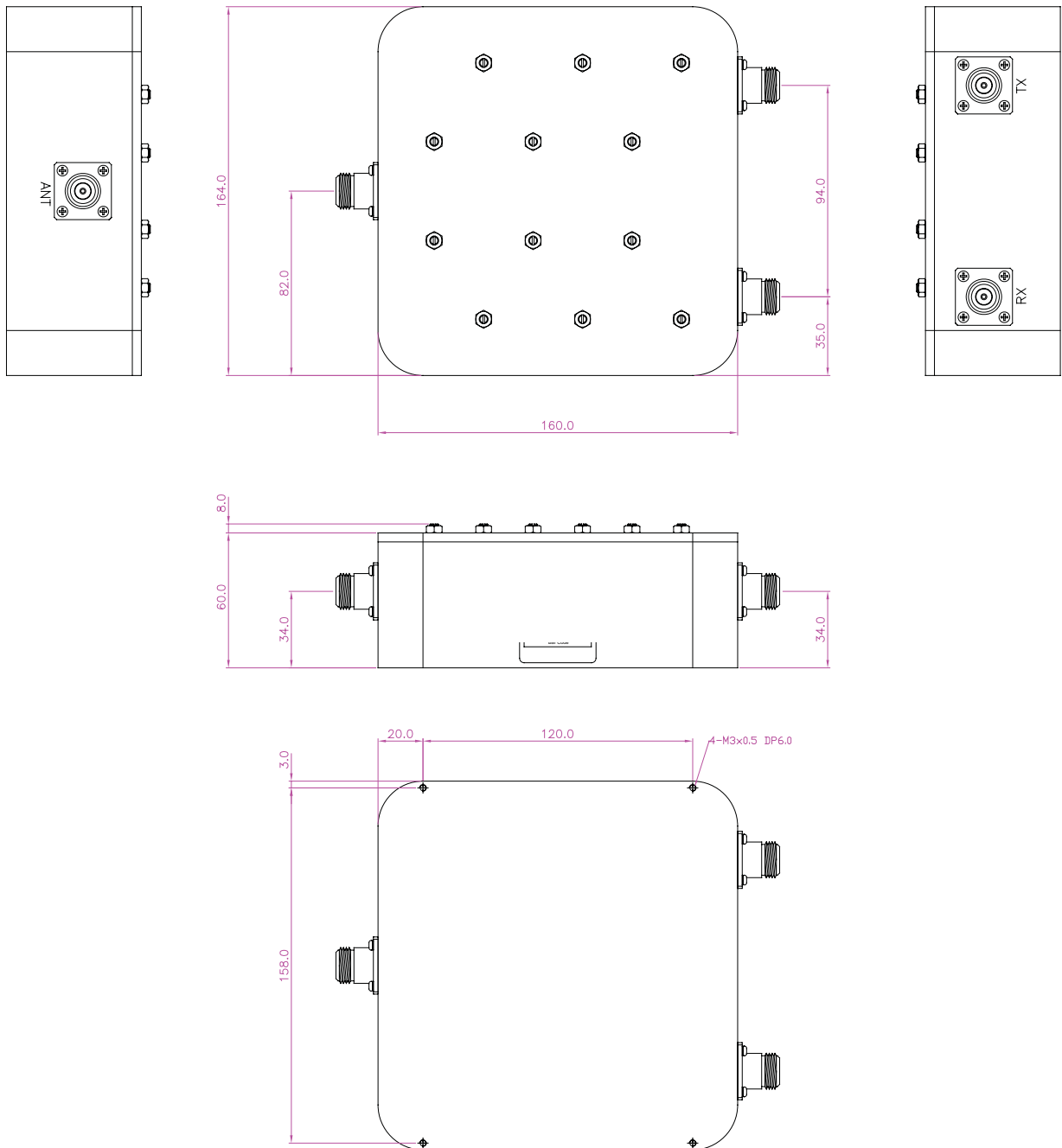
	Model/Connector	
	N (f)	7-16 (f)
700 Upper Block C Duplexer	BL-16N	*BL-16D
	*7-16 model in development	

Microlab Cavity Duplexer Model BL-16 series allows combination and separation of the Tx and Rx signals in a duplex 700 MHz Upper Block C 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:	776 - 787 MHz (Rx Port)
Tx Passband:	746 - 757 MHz (Tx Port)
Bandwidth, Tx and Rx:	11 MHz
Insertion Loss:	1.0 dB max.
Passband Ripple:	0.7 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:	>60dB (between Tx/Rx bands)
Out of Band Rejection:	>55dB, DC-740 & 806-894 MHz
Power Rating:	300W avg., 5 kW peak
Impedance:	50Ω nominal
Environment:	-20°C to +65°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