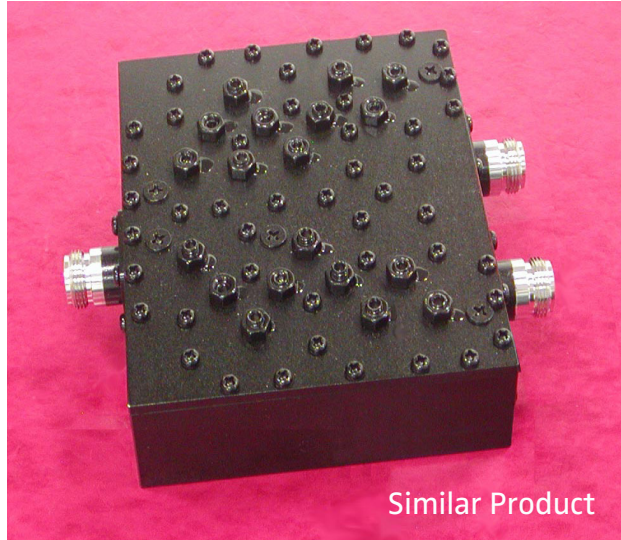


### \$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for 900 MHz systems
- ◆ High Isolation, Low Insertion Loss
- ◆ Up to 50W CW Power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N connectors



Similar Product

	Model/Connector	
	N (f)	7-16 (f)
900 MHz Cavity Duplexer	<b>BL-27N</b>	<b>*BL-27D</b>
	*7-16 model in development	

Microlab Duplexer, BL-27 series allows combination and separation of the Tx and Rx signals in a duplexed 900 MHz cellular band signal.

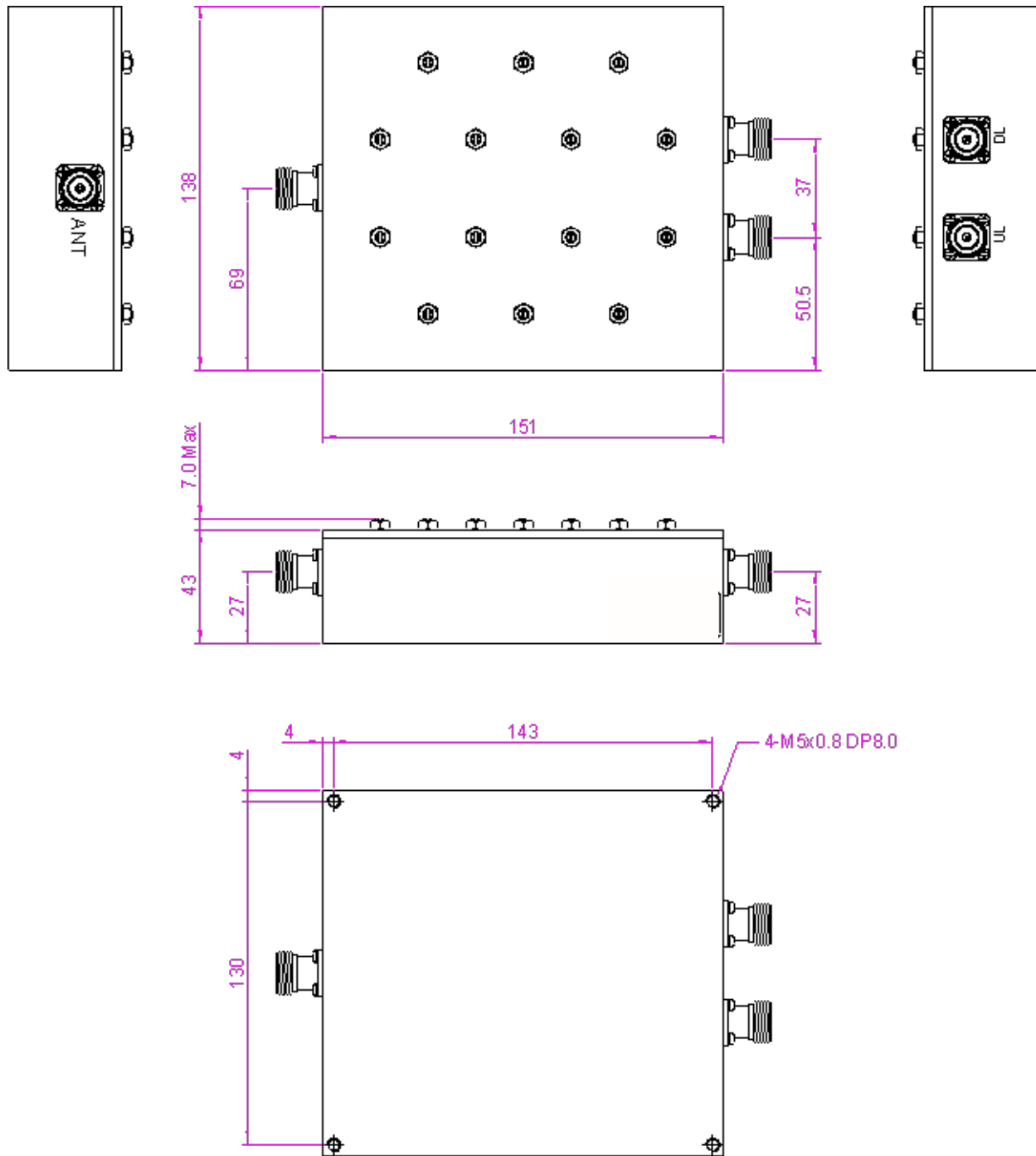
Units provide high isolation, and low insertion loss. Attention to mechanical design, ensures low loss, and high reliability.

Tx Passband:	925 - 960 MHz (Tx Port)
Rx Passband:	880 - 915 MHz (Rx Port)
Bandwidth, Tx and Rx:	35 MHz
Insertion Loss:	1.2 dB max
Passband Ripple:	0.7 dB max
Input Isolation:	>65dB (between Tx/Rx bands)
Return Loss, all ports:	20 dB min.
Power Rating:	50W CW avg./input
Impedance:	50Ω nominal
Environment:	-20°C to +75°C, Indoor
Finish: Connectors:	Triplated
Housing Finish:	Black Epoxy Painted aluminum
Weight, nom:	3 lb., 1.4 kg



Note: Specifications are subject to change without prior notification.

18APR2016



All dimensions in mm nominal