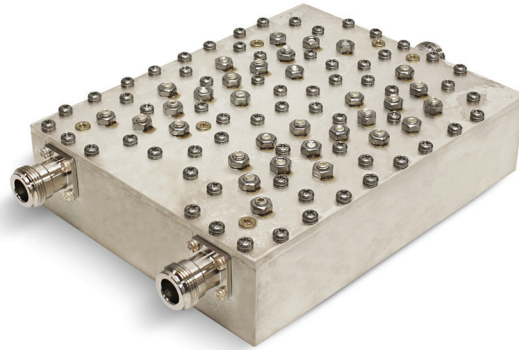


- ◆ Combines or Splits Tx and Rx Signals for 1900 MHz systems
- ◆ <-153 dBc specified PIM
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 60W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N-type or 7-16 DIN connectors

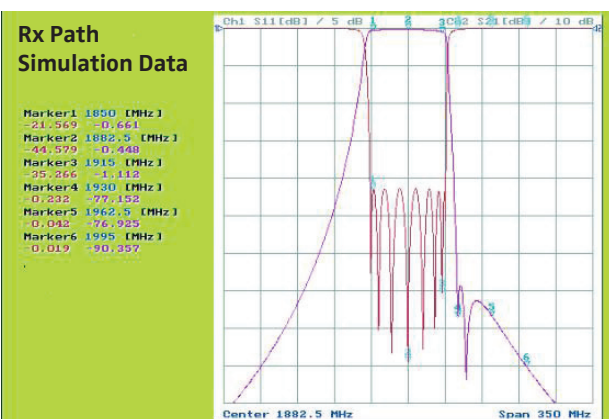
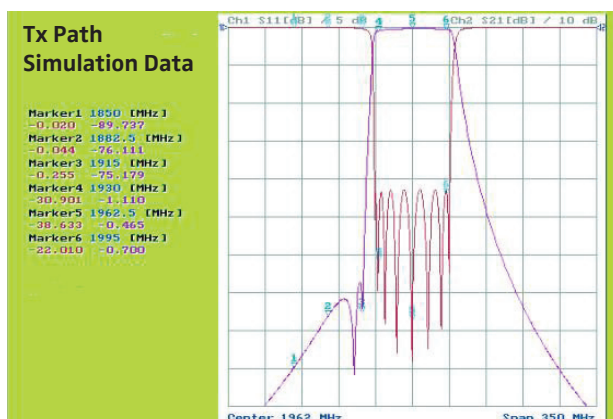


	Model/Connector N (f)	7-16 (f)
1900 MHz + G band Duplexer	BL-19N	BL-19D

Microlab Cavity Duplexer Model BL-19 series allows combination and separation of the Tx and Rx signals in a duplex 1900 MHz signal, including G band. Units provide high isolation, and low insertion loss.

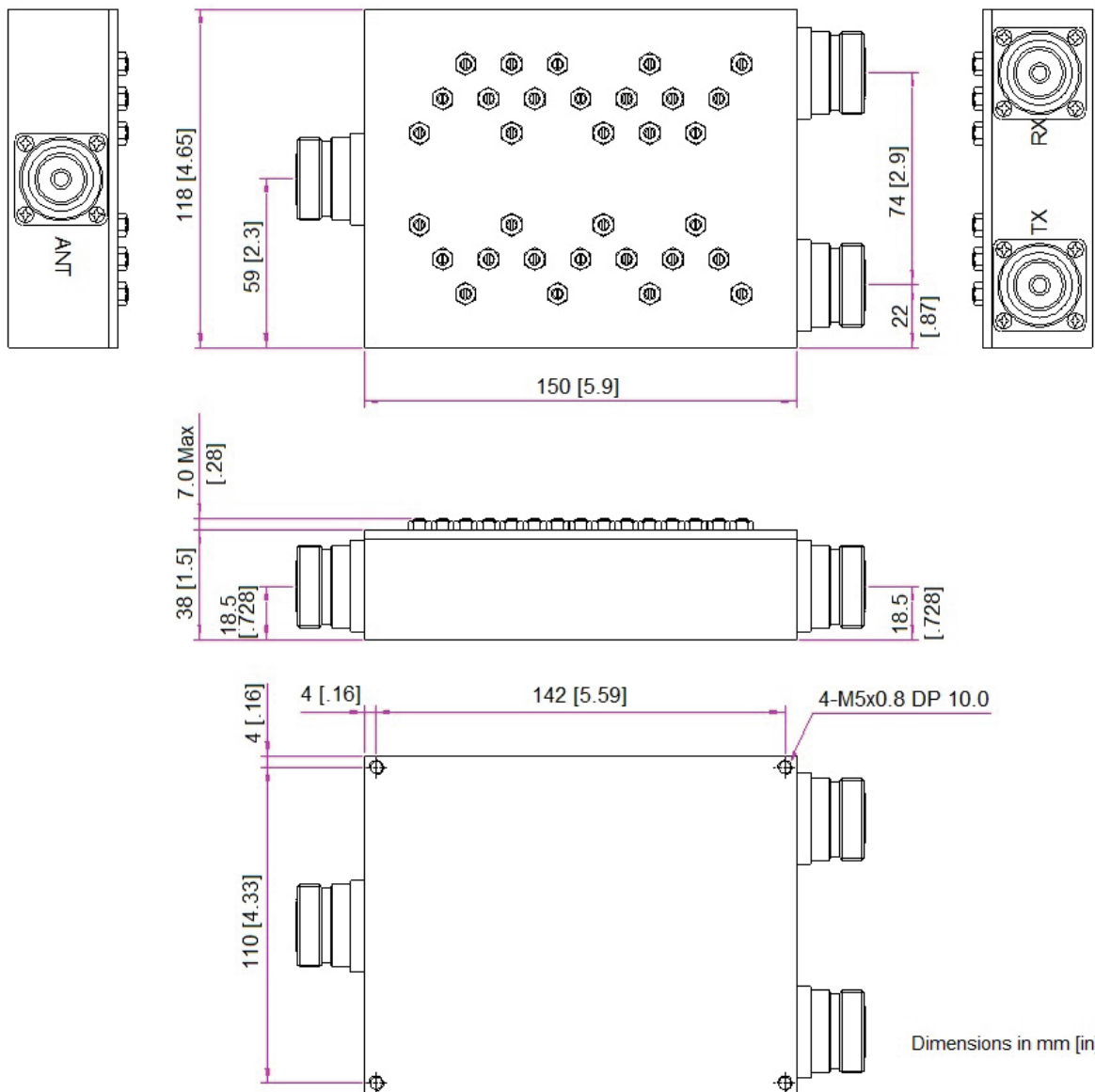
Attention to mechanical design, ensures low loss, and high reliability. Other models available for different bands and powers. .

Rx Passband:	1850 - 1915 MHz (Rx Port)
Tx Passband:	1930 - 1995 MHz (Tx Port)
Bandwidth, Tx and Rx:	65 MHz
Insertion Loss:	1.5 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:	2.2 lb. (1.0 kg)



Note: Specifications are subject to change without prior notification.

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Note: BL-19N and BL-19D have the same body dimensions.