

\$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for 1900 MHz systems
- ◆ <-153 dBc specified PIM
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 200W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N connectors



	Model/Connector N (f)	7-16 (f)
1900 MHz + G band Duplexer	BL-23N	*BL-23D
	*7-16 model in development	

Microlab Cavity Duplexer Model BL-23 series allows combination and separation of the Tx and Rx signals in a high power 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. (08/13).

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:	200W 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:	6.8 lb., 3.1 kg



