

\$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for CDMA 800 Systems with High Isolation
- ◆ <-153 dBc specified PIM
- ◆ Low Insertion Loss
- ◆ Up to 60W power
- ◆ High reliability
- ◆ RoHS Compliant
- ◆ N connectors



	Model/Connector N (f) 7-16 (f)	
CDMA 800 Duplexer	BL-14N	BL-14D
	*7-16 model in development	

Microlab Cavity Duplexer Model BL-14 series allows combination and separation of the Tx and Rx signals in a duplex CDMA 800 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:	824 - 849 MHz (Rx Port)
Tx Passband:	869 - 894 MHz (Tx Port)
Bandwidth, Tx and Rx:	25 MHz
Insertion Loss:	1.0 dB max.
Passband Ripple:	0.8 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:	>65dB (between Tx/Rx bands)
Power Rating:	60W avg..
Impedance:	50Ω nominal
Environment:	-30°C to +80°C, IP64
Finish: Connectors:	N (f) triplated
Housing Finish:	Black epoxy painted aluminum
Weight, nom:	5.0 lb., 2.25 kg



