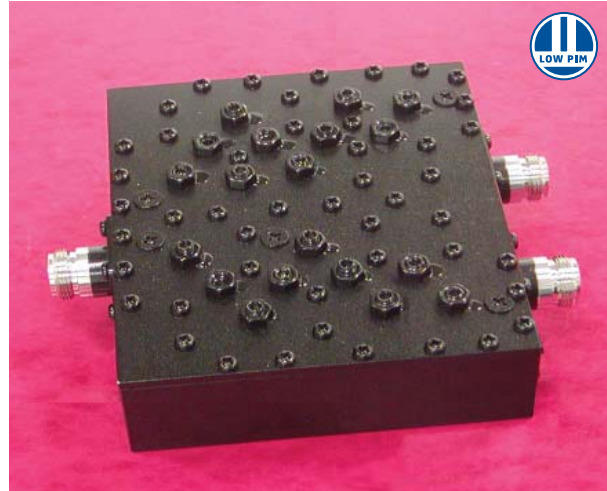


## \$ Saver Product Line

- ◆ Combines or Splits Tx and Rx Signals for 850 MHz systems
- ◆ Very Low PIM
- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ Up to 60W power
- ◆ High reliability
- ◆ RoHS Compliant



	Model/Connector N (f)	7-16 (f)
850 MHz band Duplexer	<b>BL-32N</b>	<b>BL-32D</b>
	*presently available only in N Connectors	

Microlab Cavity Duplexer Model BL-32 series allows combination and separation of the Tx and Rx signals in a high power duplex 850 MHz 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. (01/13).

Rx Passband: 824 - 849 MHz (Rx Port)  
Tx Passband: 869 - 894 MHz (Tx Port)  
Bandwidth, Tx and Rx: 25 MHz  
Insertion Loss: 0.6 dB typ., 0.9 dB max.  
Return Loss, all ports: 20 dB min.  
PIM (Intermod): <-163 dBc typ., <160 dBc max  
(measured using two +43 dBm tones )  
Input Isolation: >65dB (between Tx/Rx bands)  
Power Rating: 60W avg., 1 kW peak  
Impedance: 50Ω nominal  
Environment: -30°C to +80°C, IP64  
Finish: Connectors: N (f) or 7-16 mm triplated  
Housing Finish: Black epoxy painted aluminum  
Weight, nom: 5.0 lb., 2.25 kg

