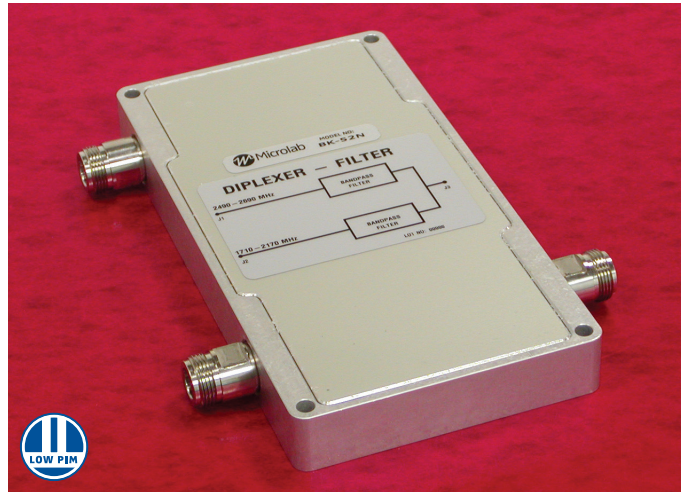


- ◆ Integrates LTE & Wireless Bands
- ◆ 50 dB Input Isolation
- ◆ 250 W/port Avg. Power
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability
- ◆ Low Passive IM., PIM
- ◆ Very Low Cost Design
- ◆ RoHS compliant
- ◆ Optional Pole Mount Bracket

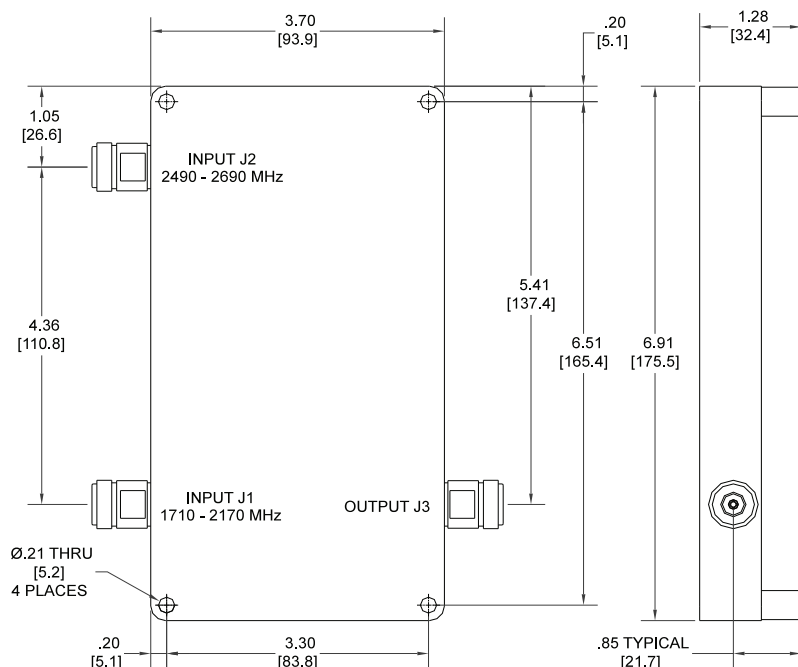


Model Nos.	Conn. Type	Frequency Band, MHz	Input Isolation	Passband Loss, dB	VSWR All Ports	Power /input
<b>BK-52D</b> <b>BK-52DP</b>	7-16 (f)	Low Band, J1	>50 dB	typ. 0.20 max 0.30	<1.25:1	250W avg. 3 kW peak
<b>BK-52N</b> <b>BK-52NP</b>	N (f)	High Band, J2	2490 - 2690	0.25 0.35		

Microlab Model BK-52 series Diplexers allow combination and separation of the signals in 1710 - 2170 MHz wireless band with the LTE-2600 range of 2490 - 2690 MHz.

Inputs are isolated >50 dB with minimal insertion loss over their frequency bands. The Diplexer has been designed using passive, proprietary techniques which minimizes cost and size and ensures low PIM. Desired DC/AISG paths are available at time of ordering.

Impedance: 50Ω nominal  
Intermod. (PIM): <-160 dBc, static with 2 x +43dBm tones  
Environment: -35°C to +55°C  
Housing Finish:  
Indoor/IP64: Standard Model  
RoHS coated Aluminum  
Outdoor/IP67: Painted  
Add P to Model No.  
Connectors: Triplate  
Weight, nom: 2.7 lbs (1.25 kg)



Note: Specifications are subject to change without prior notification.

14APR2016

**Optional Pole Mount Bracket Kit  
Order Number: ZB-B84**

