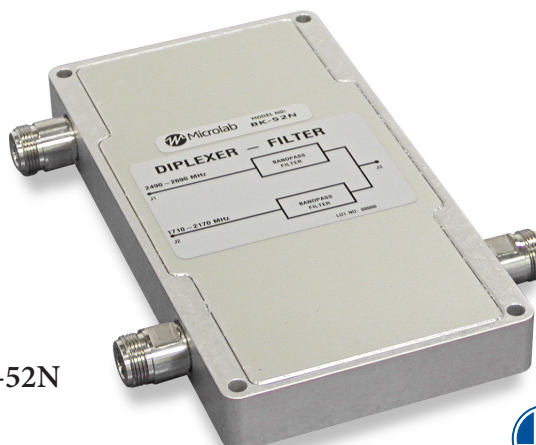


- ◆ Integrates LTE & Wireless Bands
- ◆ 50 dB Input Isolation
- ◆ 250 W/port Avg. Power
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability
- ◆ Low Passive IM., PIM
- ◆ Very Low Cost Design
- ◆ RoHS compliant
- ◆ Optional Pole Mount Bracket

BK-52N

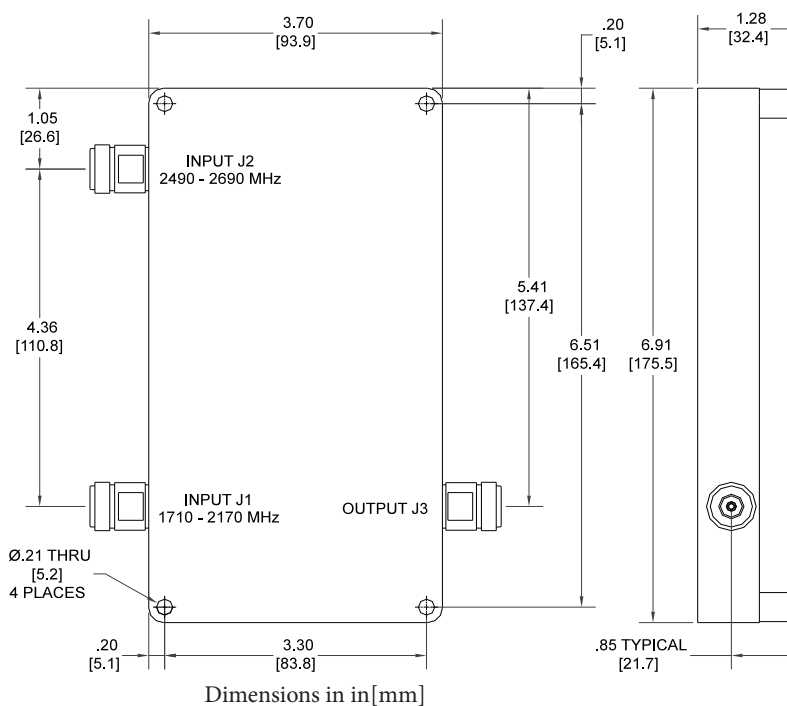


Model Nos.		Conn. Type	Frequency Band, MHz	Input Isolation	Passband Loss, dB		VSWR All Ports	Power /input
Indoor	Outdoor				typ.	max		
BK-52D	BK-52DP	7/16 (f)	Low Band, J1	>50 dB	0.20	0.30	<1.25:1	250W avg.
BK-52E	BK-52EP	4.3-10(f)	High Band, J2		0.25	0.35		3 kW peak
BK-52N	BK-52NP	N (f)						

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 (-117dBm)
test with 2x +43dBm tones
Environment: -35°C to +85°C
Housing:
Indoor/IP64: Aluminum
Finish: Conversion coating
Outdoor/IP67: Painted
Add P to Model No.
Connectors: Triplate
Weight, nom: 2.7 lbs (1.25 kg) for N



Note: Specifications are subject to change without prior notification.

09AUG2018

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

