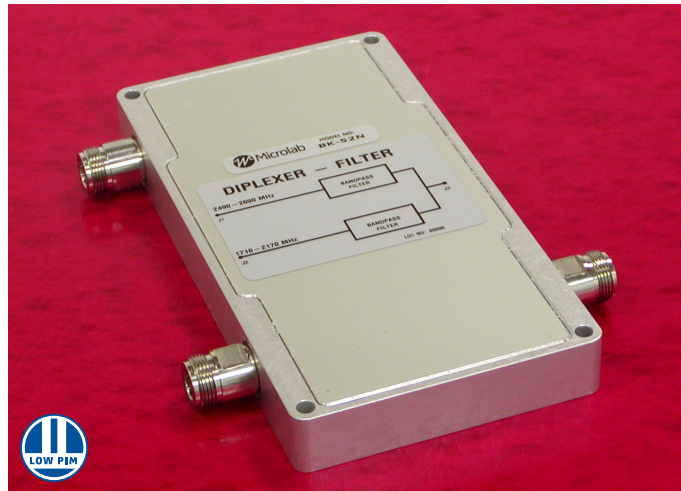


- ◆ Integrates LTE & Wireless Bands
- ◆ 50 dB Input Isolation
- ◆ 250 W/port Avg. Power
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability
- ◆ Low Passive IM., PIM
- ◆ Very Low Cost Design
- ◆ RoHS compliant

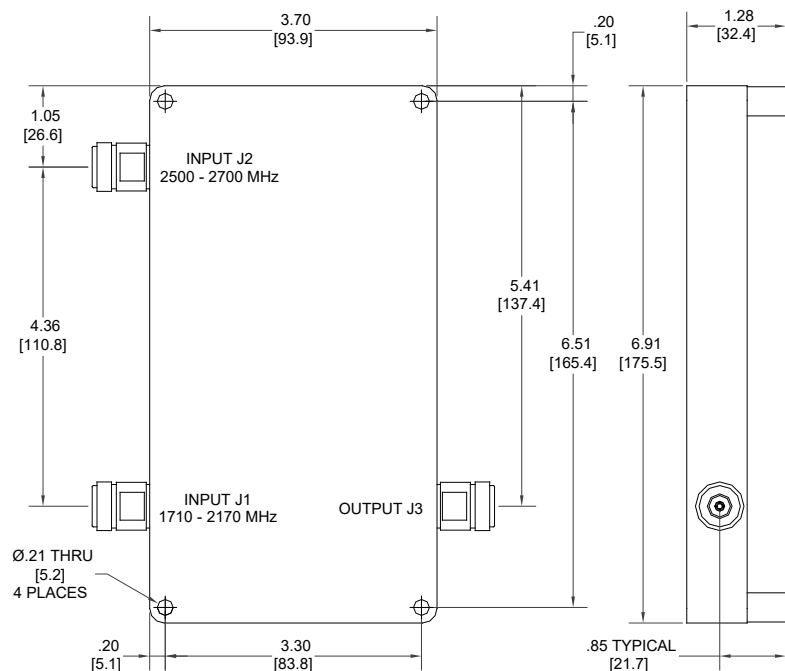


Model Nos.	Conn. Type	Frequency Band, MHz	Input Isolation	Passband Loss, dB		Return Loss All Ports	Power /input
				typ.	max		
BK-52D	7-16 (f)	Low Band, J1	1710 - 2170	>50 dB	0.20	>19 dB	250W avg. 3 kW peak
BK-52N	N (f)	High Band, J2	2490 - 2690		0.25		

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. (01/13)

Impedance: 50Ω nominal
Intermod. (PIM): <-150 dBc
with 2 x +43dBm (20W) tones
Environment: -35°C to +55°C,
IP64 (IP67 to order)
Finish:
Connectors: Triplate
Housing: RoHS coated Aluminum
Weight, nom: 2.7 lbs (1.25 kg)



Note: Specifications are subject to change without prior notification.

22JUN2016