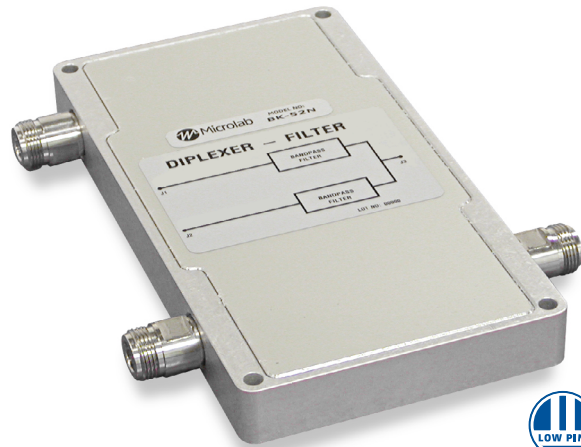


- ◆ Combines Band 41 with AWS/PCS
- ◆ 50 dB Input Isolation
- ◆ 250 W/port Avg. Power
- ◆ Low Insertion Loss
- ◆ Guaranteed Low PIM
- ◆ RoHS compliant


BK-52N

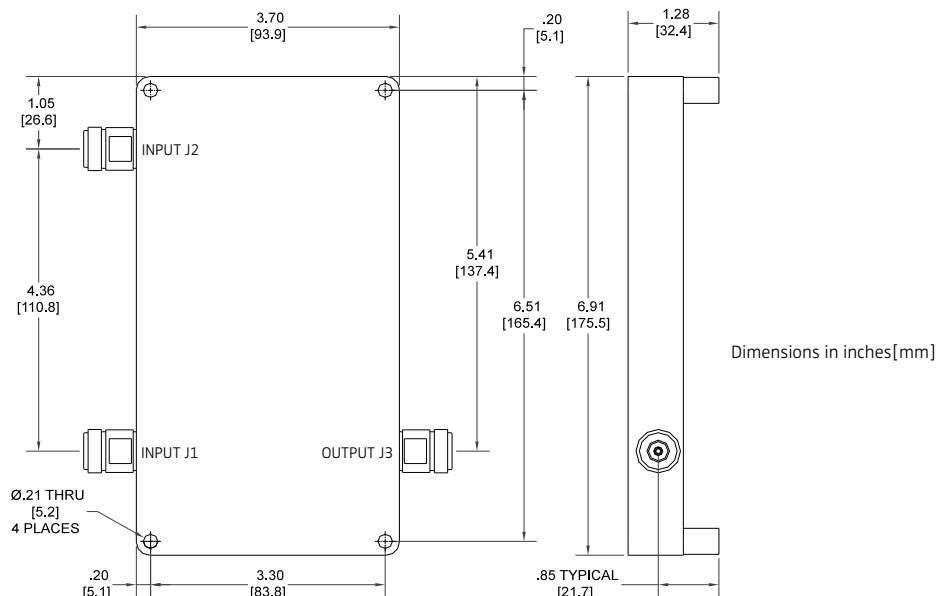
Microlab BK-52 series diplexers allow combination and separation of the signals in TDD Band 41 with AWS/PCS wireless bands

Inputs are isolated 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.

Frequency:
 Low Band, J1: 1710-2180 MHz
 High Band, J2: 2490-2690 MHz
 Insertion Loss: 0.2 dB typ., 0.3 dB max. @ J1
 0.25 dB typ., 0.35 dB max. @ J2
 VSWR: 1.25:1 max.
 1.3:1 max. @ 2170-2180 MHz
 Isolation: 50 dB min.
 45 dB min. @ 2170-2180 MHz
 Impedance: 50Ω nom.
 PIM: -160 dBc (-117dBm) min.
 (Test with 2 tones @ +43dBm)
 Environment: -35°C to +85°C
 Housing:
 Indoor/IP64: Aluminum
 Finish: Conversion coating
 Outdoor/IP67: Painted
 Add P to Model No.
 Connectors: Triplate
 Weight: 2.7 lbs (1.25 kg)

Model No.		Connector Type	Power	
Indoor	Outdoor		Avg.	Peak
BK-52D	BK-52DP	7/16 DIN(f)		
BK-52E	BK-52EP	4.3-10(f)	250 W	3 kW
BK-52N	BK-52NP	N-type (f)		

Outline



Note: Specifications are subject to change without prior notification.

06DEC2019