

- ◆ Inject LTE-LAA and Wi-fi bands in to commercial networks
- ◆ 50 dB Input Isolation
- ◆ 50 W/5 W Power rating
- ◆ Guaranteed Low PIM
- ◆ IP67 Rated
- ◆ Minimal RF Insertion Loss
- ◆ RoHS compliant
- ◆ N-type & 4.3-10 Connectors



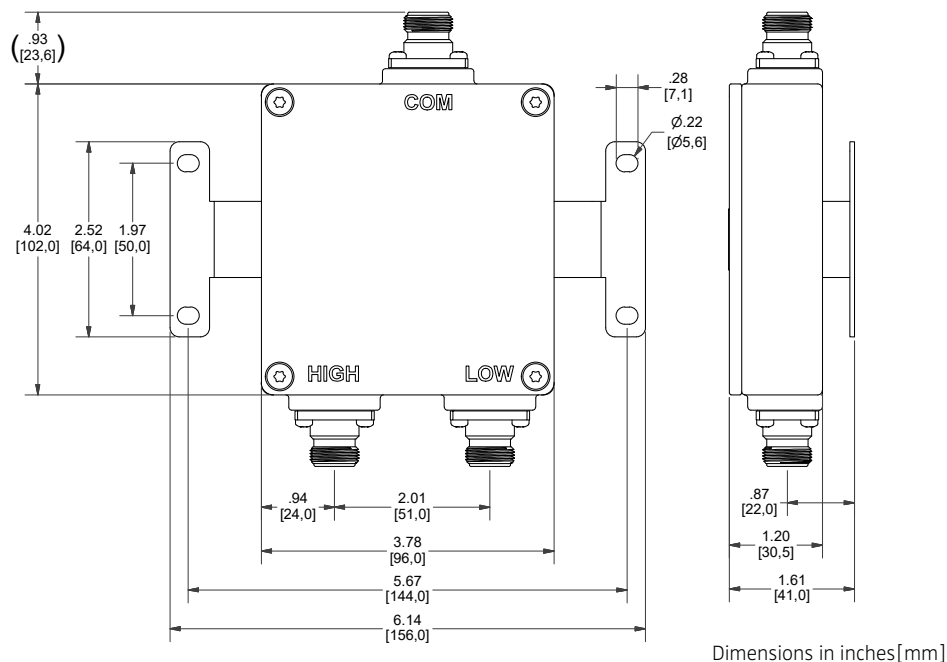
Microlab BK-262 diplexer allows combination and separation of the signals in 450-4200 MHz and 4900-5925 MHz wireless bands. To minimize band inter-reaction, the inputs are well isolated and have minimal insertion loss over their respective frequency bands. Attention to mechanical design ensures guaranteed low passive intermodulation.

It allows efficient injection of UNII channels in to commercial network for use in a coaxial distributed cellular network or DAS.

Frequency Bands:

Port 1:	450-4200 MHz
Port 2:	4900-5925 MHz
PIM:	<-161 dBc (-118 dBm) (2 tones of +43 dBm)
Return Loss:	18 dB min
Isolation:	50 dB min
Insertion Loss:	0.5 dB max
Passband Ripple:	0.4 dB max.
Group Delay:	5ns typ.
Power:	50 W avg for Low Port 5 W avg for High Port
Impedance:	50Ω nominal
Environment:	-40° to +70°C, IP67
Connectors:	Flanged Female N-Type - BK-262N 4.3-10 - BK-262E
Housing Finish:	Passivated Aluminum
Dimensions:	4.02 x 3.78 x 1.20 in [102 x 96 x 30.5 mm]
Weight:	1.7 lbs [0.7 kg]

Mechanical Outline



Note: Specifications are subject to change without prior notification.

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