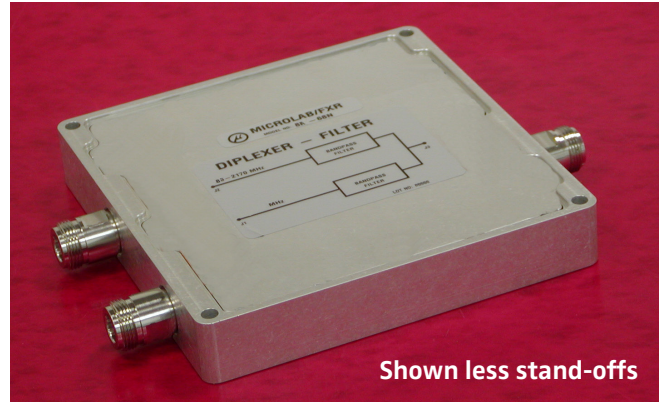


- ◆ Combines LTE-2600 with all other wireless bands down to 80 MHz
- ◆ **Models for Outdoor Environments**
- ◆ Low Passive IM., PIM
- ◆ 50 dB Input Isolation
- ◆ 60W Average LTE Power
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability RoHS



Model Number	Connectors (female)	Weight. nom. lb (kg)	Pass Band MHz	*DC Path to J3	Pass Band Loss Spec. typ.	Power Rating Avg., peak
BK-68D	7-16 mm	2.0 (0.87)	Input J2 80 - 2170	2A max	<0.5 dB <0.3 dB	200W max, 3kW
BK-68N	N	1.8 (0.78)	Input J1 2,400 - 2,690	Isolated	<0.5 dB <0.3 dB	60W max, 3kW
Add 'P' to Model Number for Outdoor Use						
				*DC path: DC to 20 MHz		

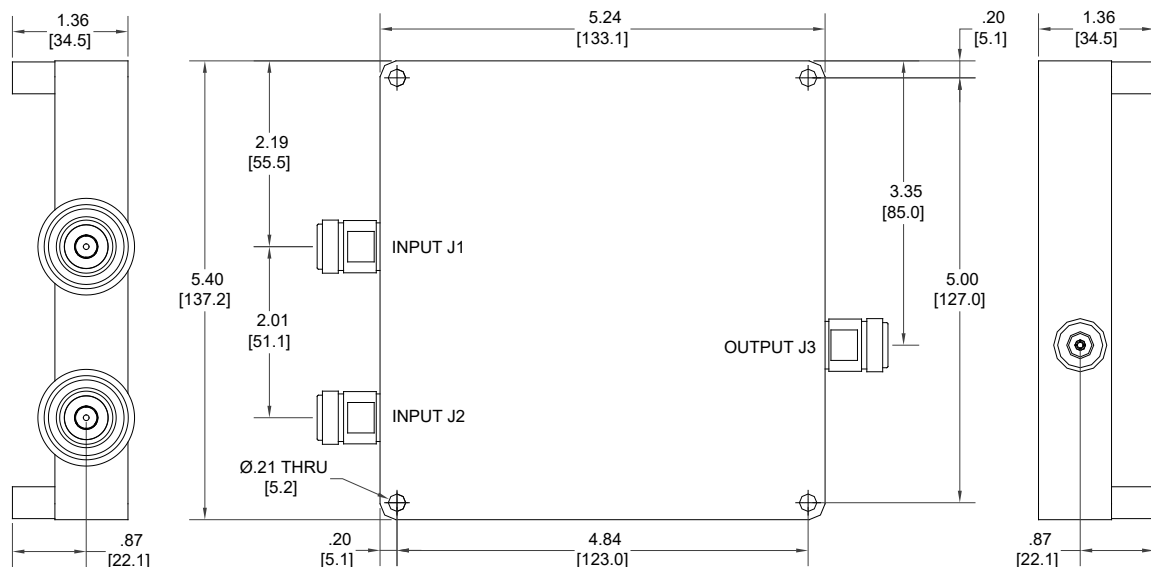
Microlab BK-68 series LTE-2600 Injector is a filter diplexer, to simplify the addition of LTE-2600 signals and/or WiFi-2400 to a common path with other wireless.

The inputs are well isolated and have minimal insertion loss over their respective frequency bands. The Diplexer has been designed using passive, proprietary pretuned techniques to ensure minimal loss and high reliability, with very low Passive Intermodulation (PIM).

Corner holes are provided for simple mounting to a surface or cable tray. Similar Injector units are available for other WiFi, WiMAX and LTE bands as well as other connectors as may be required.

For use in outdoor environments add the suffix 'P' to Model No. (e.g. **BK-12NP**).

Input Isolation:	>50 dB
Input Return Loss:	>18 dB
Peak Power Rating:	3 kW peak
Impedance:	50Ω nominal
Intermod. (PIM):	<-153 dBc 2 x +43dBm tones
Environment:	-35 to +65°C
Housing Finish:	
Indoor/IP64:	Standard model Passivated Al.
Outdoor/IP67:	Painted Add P to Model No.
Connectors:	Triplate



Note: Specifications are subject to change without prior notification.

22JUN2016