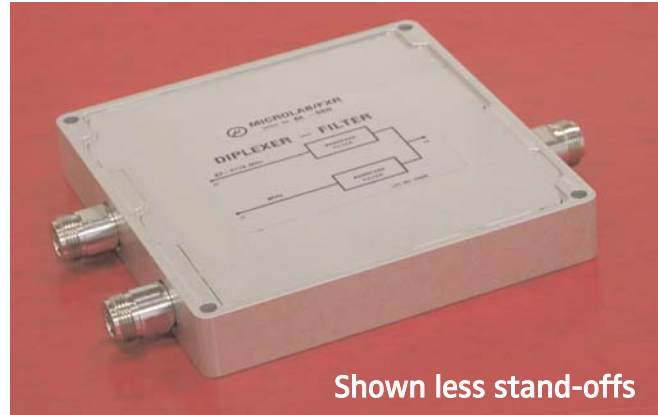


Preliminary Data

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



Shown less stand-offs

Model No	Connectors	Weight
BK-68D	7-16 mm DIN (f)	31 oz, 870 g
BK-68N	N (f)	28 oz, 78 g

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 pre-tuned techniques to ensure minimal loss and very 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. (06/10)

Passband J1 to J3:	2,400 to 2,690 MHz
Passband J2 to J3:	below 80 to 2,170 MHz
J1 to J2 Isolation:	>50 dB in band
J1 & J2 VSWR:	1.3:1 max.
J1 Passband Loss:	0.5 dB max.
J2 Passband Loss:	0.3 dB max.
Power Rating:	J1: 80W max. J2: 80W avg., 3 kW pk.
Impedance:	50Ω nominal
Intermod. Distortion:	<-150 dBc, <-160 dBc typ. (test with 2 +43dBm tones)
Environment*:	-35°- +65°C, IP64, (IP67 to order)
Finish: Connectors:	Triplate
Housing:	RoHS coated Aluminum
Weight, nominal:	2.0 lbs (0.91 kg)
*Broader temperature range available with relaxed VSWR	

