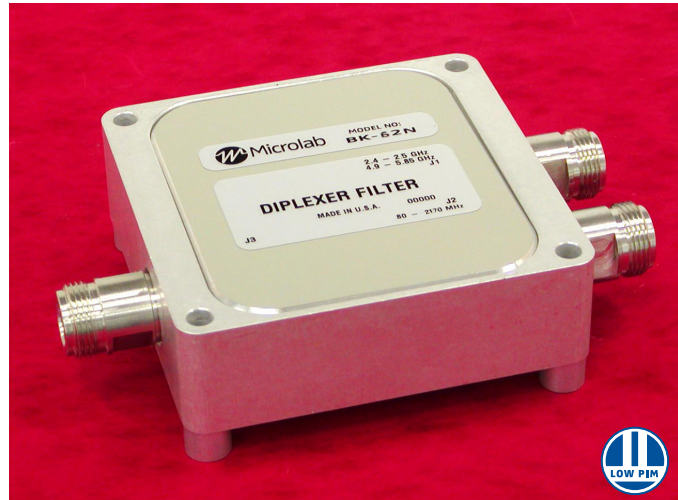


- ◆ Combines 2.4 & 5 GHz WiFi to 80 - 2170 MHz services
- ◆ Meets European Rail Standards EN50121, EN61373: 1999 EN50155: 2007 (Class T3) EN60068-2-1: 1995 EN60068-2-2: 1994 EN60068-2-30: 2000
- ◆ High Input Isolation
- ◆ 100W Through Power
- ◆ Minimal RF Insertion Loss
- ◆ Rugged, High Reliability Design
- ◆ Low Passive IM., PIM
- ◆ Low Cost Design
- ◆ N Type connectors



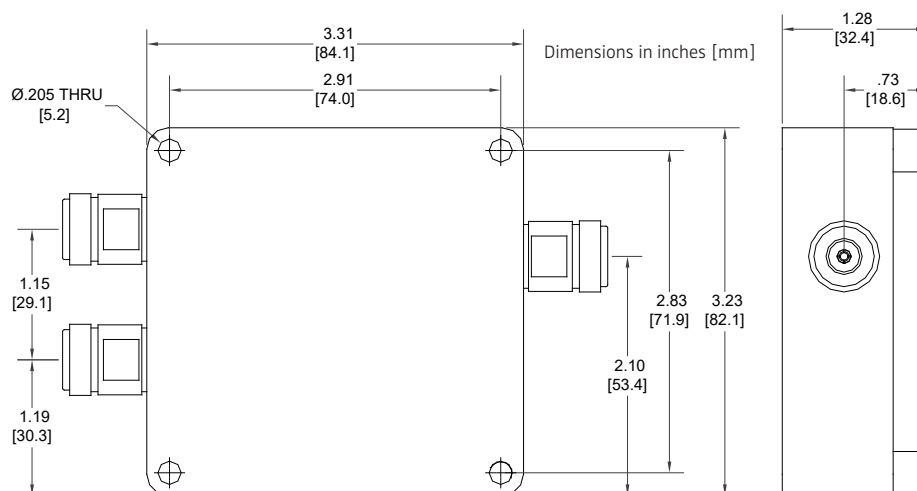
Model Number	Connectors Female	Weight, nom oz (g)
BK-62N	N Type	13 (365)

Input Port	Passbands GHz	VSWR All Ports	Isolation J1-J2, dB	Loss to J3, dB typ. max.	Power avg max.	DC Path
J1	2.4 - 2.5 4.9 - 5.85	<1.6:1 <1.4:1	>35 >42	0.5 1.0 0.25 0.5	25W	None
J2	0.080 - 2.17	<1.30:1	>50	0.2 0.7	100W	<2.5A

The BK-62N allows efficient combining of WiFi services at the standard WiFi standards of 802.11 (a), (b), (g) and (n) at 2.4 GHz and 5.8 GHz together with WiMAX at 4.9 GHz with a coaxial distributed in-building cellular network or DAS. This can provide the benefit of the same controlled coverage of the higher frequency services with the DAS.

A simple bracket and tapped holes are provided for simple mounting to a surface or cable tray.

Impedance: 50Ω nominal
PIM: -161 dBc into J2 (test with 2 x +43 dBm tones)
Environment: -40° - +85°C, IP67
Connectors: N (f), triplate
Housing: Passivated aluminum, RoHS
Weight: 13 oz (365g) nom.



Note: Specifications are subject to change without prior notification.

24JAN2023