

\$ Saver Product Line

- ◆ Combines 600+700/PCS/AWS Bands
- ◆ 50 dB Input Isolation
- ◆ 50 W/port Avg. Power
- ◆ Low RF Insertion Loss & Ripple
- ◆ For Indoor & Outdoor Applications
- ◆ RoHS compliant
- ◆ 4.3-10 connectors



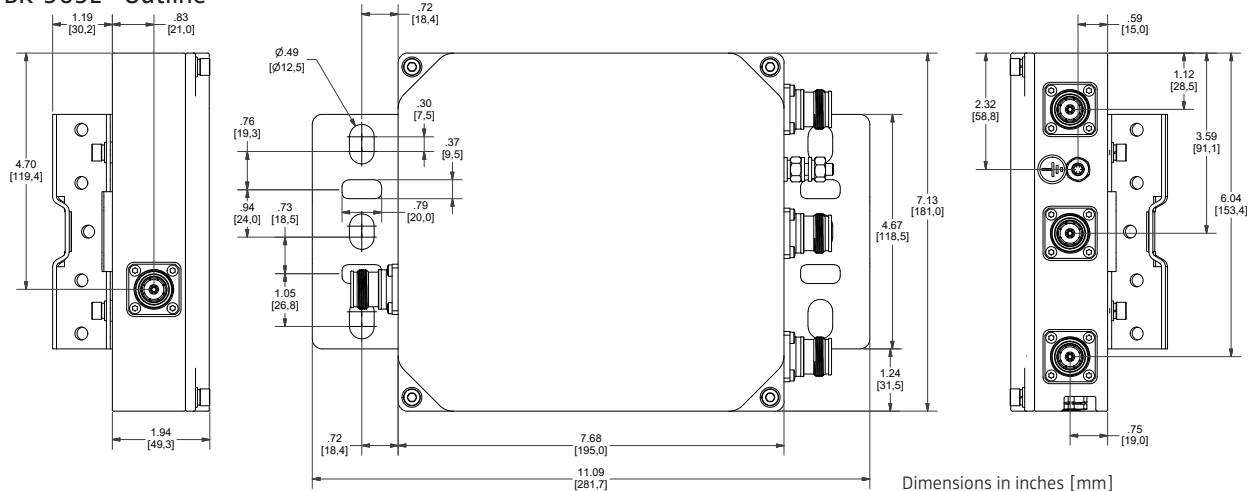
Model Number	Connectors Female	Impedance nom.	Weight. nom lb(kg)
BK-363E	4.3-10	50 Ω	6.61 (3)

Microlab Model BK-363E is a Triplexer which allows combination and separation of the signals in the combined 600MHz and 700MHz band, the PCS band, and the combined AWS1-3 bands, 1710-1780 & 2110-2200 MHz. To minimize band interaction, the inputs are well isolated and have minimal insertion loss over their respective frequency bands.

The Triplexer has been designed using passive, proprietary techniques which minimizes cost and size. At the same time it ensures minimal loss and very high reliability at input powers up to 50W per input.

LTE-600+700 Input:	617 - 798 MHz
PCS Input:	1850-1995 MHz
AWS Input:	1710-1780 MHz 2110-2200 MHz
Insertion Loss:	<0.5 dB, in passband
Input Isolation:	>50 dB
Input Return Loss:	>18 dB
Power Rating:	50W/input avg.
Group Delay:	2.5ns for 600 & 700Mhz 22ns for PCS band 18ns for AWS band
Passband Ripple:	<0.4 dB typ.
PIM (Intermod):	< -161 dBc (-118 dBm) (2 tones at +43 dBm)
Environment:	-40°C to +65°C, IP67
Connectors, Finish:	Triplate
Dimensions:	282 x 181 x 49 mm

BK-363E - Outline



Note: Specifications are subject to change without prior notification.

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