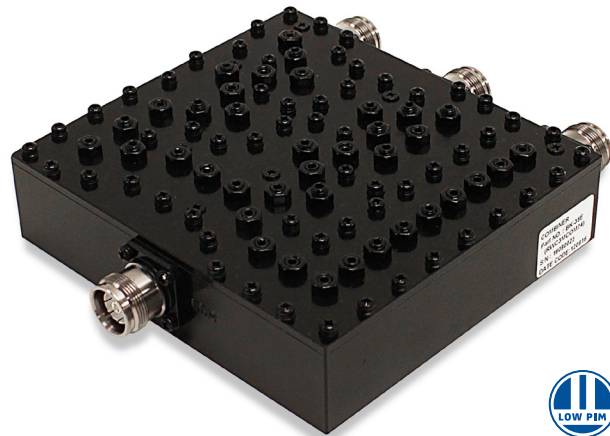


\$ Saver Product Line

- ◆ Integrates 1800, UMTS & 2600 Bands
- ◆ 50 dB Input Isolation
- ◆ 100 W/port Avg. Power
- ◆ Minimal RF Insertion Loss & Ripple
- ◆ 4.3-10 connectors
- ◆ Rugged, High Reliability,
- ◆ RoHS compliant



Microlab Model BK-35 is a Triplexer which allows combination and separation of the signals in the 1800 band, the UMTS-2100 band and the LTE-2600 band. To minimize band inter-reaction, the inputs are well isolated and have minimal insertion loss over their respective frequency bands.

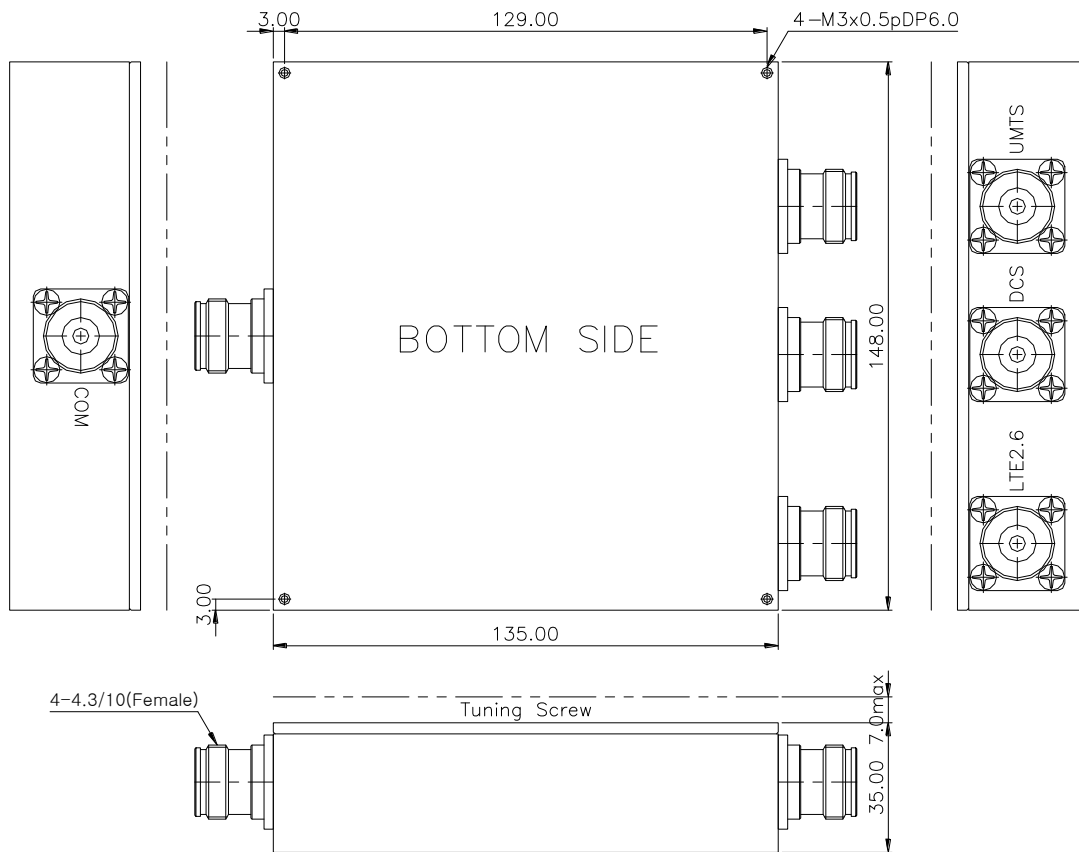
Model Number	Connectors (female)	Environment	Weight lb (kg)
BK-35E	4.3-10	indoor	2.7 (1.2)

Input 1:	1800: 1710 - 1880 MHz
Input 2:	UMTS: 1920 - 2170 MHz
Input 3:	LTE2600: 2500 - 2690 MHz
Passband Loss:	<0.6 dB
Return Loss:	>18 dB
Isolation:	>50 dB
Power Rating:	100W CW/input avg
Impedance:	50Ω nominal
PIM (Intermod):	<-155 dBc (+43dBm x2) measured in band
DC Path:	All ports DC connected
Environment:	-20°C to +70°C
Finish: Connectors:	Triplate
Housing:	Black Paint

Note: Specifications are subject to change without prior notification.

23SEP2016

BK-35E Outline



Dimensions in inches [mm]