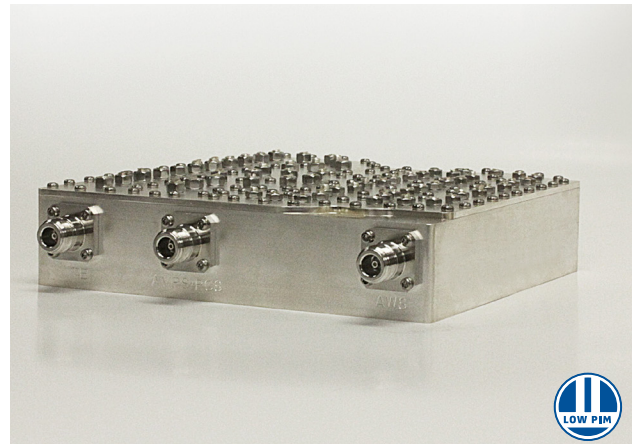


\$ Saver Product Line

- ◆ Integrates 700/850+PCS/AWS Bands for multiband co-located sites
- ◆ Guaranteed Low PIM
- ◆ 50 dB Input Isolation
- ◆ 250 W/port Avg. Power
- ◆ Low RF Insertion Loss & Ripple
- ◆ For Indoor Applications
- ◆ RoHS compliant



Model Number	Connectors	Weight. nom.
BK-36N	N (f)	6.4 lbs (2.9 kg)
BK-36D	7-16 (f)	6.4 lbs (2.9 kg)

Microlab Model BK-36 is a Triplexer which allows combination and separation of the signals in the LTE band 698-806 MHz, the combined 824-894 & 1850-2000 MHz cellular bands and the AWS bands, 1710-1755 & 2110-2155 MHz. To minimize band inter-reaction, 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 250W per input.

LTE-700 Input:	698 - 806 MHz
850 + PCS Input:	824 - 896 & 1850-2000 MHz
AWS Input:	1710-1755 & 2110-2155 MHz
Insertion Loss:	<0.5 dB, in passband
Input Isolation:	>50 dB
Input Return Loss:	>18 dB
Power Rating:	250W/input avg., 2 kW pk
Impedance:	50Ω nominal
Passband Ripple:	<0.4 dB typ.
PIM (Intermod):	-156 dBc typ. (+43dBm x2) when measured in Rx band
Environment:	-25°C to +70°C
Finish: Connectors:	N(f) or 7-16 (f), Triplate
Housing:	Silver Plated Aluminum
Mounting:	4 - M5 holes

Note: Specifications are subject to change without prior notification.

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