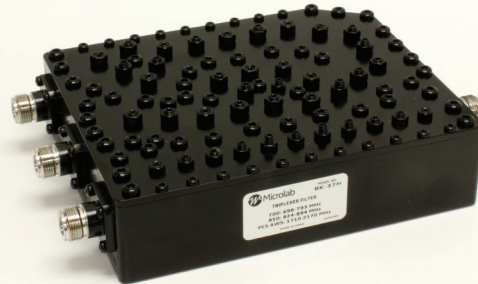


\$ Saver Product Line

- ◆ Integrates 700/850/PCS-AWS Bands
- ◆ 50 dB Input Isolation
- ◆ 100 W/port Avg. Power
- ◆ Minimal RF Insertion Loss & Ripple
- ◆ Rugged, High Reliability,
- ◆ RoHS compliant



Microlab Model BK-37N is a Triplexer which allows combination and separation of the signals in the LTE band 698-793 MHz, the 824-894 MHz cellular band and the PCS/AWS band, 1710-2170 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 for minimal loss and very high reliability at input powers up to 100W per input. (09/13)

Power Rating: 100W/input avg., 2 kW pk
 Impedance: 50Ω nominal
 Passband Ripple: <0.3 dB
 Return Loss: >18 dB, 21 dB typ., all ports
 PIM (Intermod): <-153 dBc (+43dBm x2) when measured in band <-160 dBc typical
 DC Path: Center Pins DC short to ground
 Environment: -25°C to +55°C, indoor
 Finish: Connectors: N(f) Triplate
 Housing: RoHS coated aluminum and black epoxy paint
 Weight, nominal: 5.0 lbs (2.3 kg)

		Low Band 698 - 793		Mid Band 824 - 894		High Band 1710 - 2170	
		typ.	Spec.	typ.	Spec.	typ.	Spec.
Insertion Loss	dB	0.2	<0.35	0.25	<0.4	0.1	<0.3
Input Isolation	dB	55	>50	60	>50	55	>50

