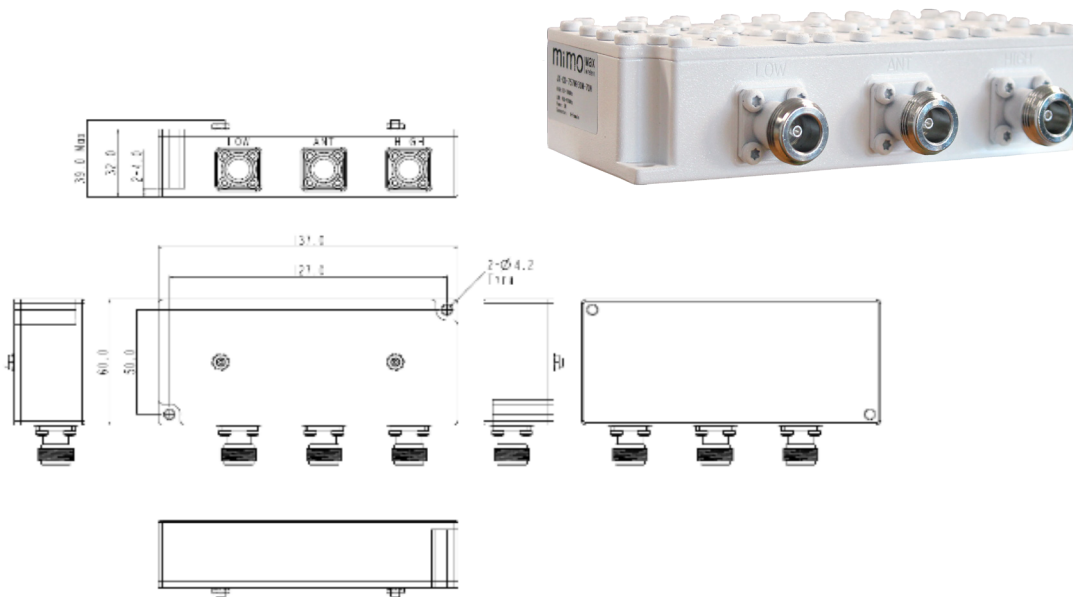


## BAND SPLITTING FILTER

### Spec Sheet

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This is a filter designed to split a band of frequencies into two sub-bands. It has 3 ports, a common port for the combined bands and separate port for each of the sub-bands.

It is primarily intended to allow two radio transceivers operating on different bands to share the same antenna.

This removes the need to fit an additional antenna and coaxial cable, saving cost and overcoming the difficulty in fitting two omni-directional antennas on the same pole.

# BAND SPLITTING FILTER SPECIFICATIONS

Mechanical Specifications	
Dimension (L x W x H)	5.39" x 2.36" x 1.25" (max 1.53") (137mm x 60mm x 32mm (max 39mm))
Port Connectors	N-Female
Finish	White painted
Notes	RoHS

Electrical Specifications		
Parameter	LOW Band	HIGH Band
Frequency Range	757-788 MHz	900-930 MHz
Return Loss	≥ 15 dB	
Insertion Loss	≤ 0.5 dB	
Isolation	≥ 70 dB @ 757-788 MHz & 900-930 MHz	
Power Handling	5 Watts (37dBm)	
Temperature Range	-4°F ~ +158°F (-20°C ~ +70°C)	

Product Orders	
Product Code	Description
ACC-BSF-700-900-00	Band-Splitting Filter

**Important:** Specifications are subject to change without prior notice

