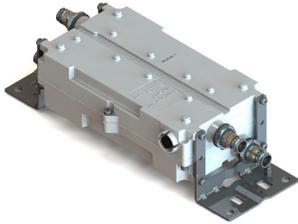


# E16V87P63

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Interference Mitigation Filter for 2600 MHz B7 band with rejection 46dB in 2575-2615 MHz band

## Product Classification

**Product Type** Interference mitigation filter

## General Specifications

**Color** Gray

**Modularity** 2-Twin

**Mounting Pipe Hardware** Band clamps (2)

**RF Connector Interface** 4.3-10 Female

**RF Connector Interface Body Style** Long neck

## Dimensions

**Height** 80 mm | 3.15 in

**Width** 147 mm | 5.787 in

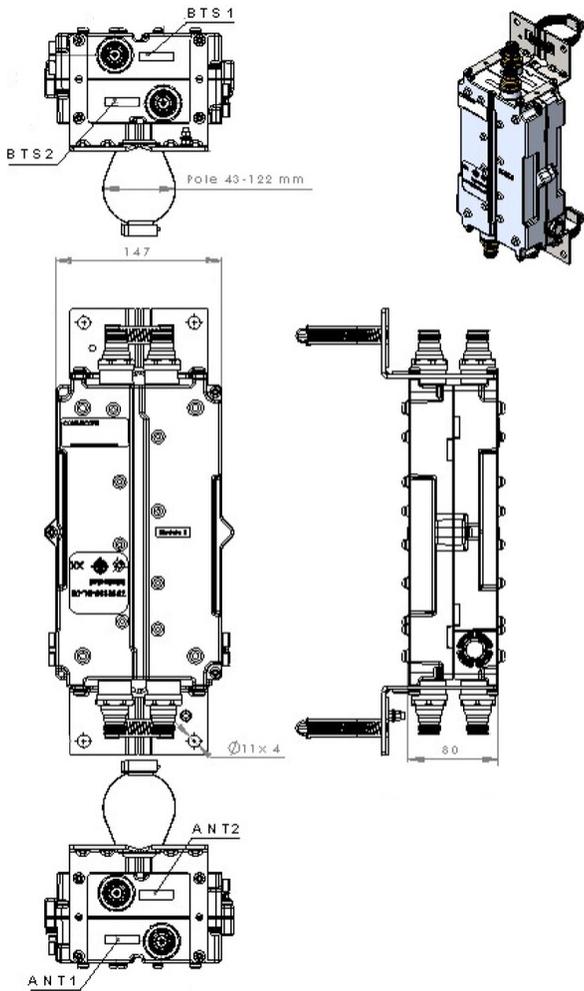
**Depth** 261 mm | 10.276 in

**Ground Screw Diameter** 5 mm | 0.197 in

**Mounting Pipe Diameter Range** 43–122 mm

## Outline Drawing

# E16V87P63



## Electrical Specifications

**Impedance** 50 ohm

## Electrical Specifications, dc Power/Alarm

**Lightning Surge Current** 10 kA

**Lightning Surge Current Waveform** 8/20 waveform

## Electrical Specifications

<b>Sub-module</b>	1   2	1   2
<b>Branch</b>	1	1
<b>License Band</b>	IMT 2600, Band Pass	IMT 2600, Band Pass

## Electrical Specifications, Band Pass

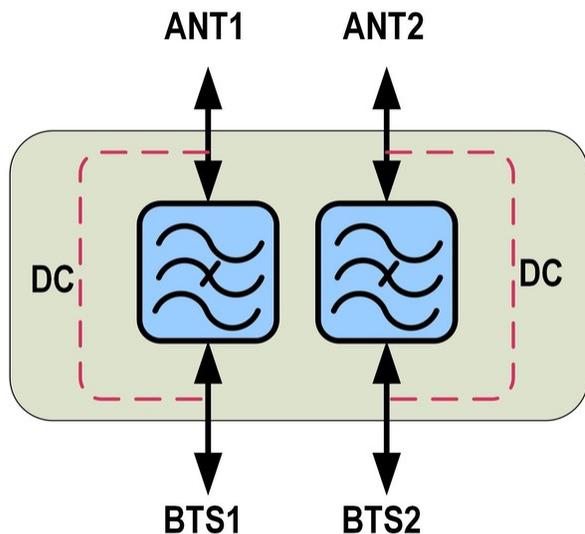
# E16V87P63

<b>Frequency Range, MHz</b>	<b>2500–2570</b>	<b>2620–2690</b>
<b>Insertion Loss, maximum, dB</b>	1.75	1.9
<b>Insertion Loss, typical, dB</b>	0.3	0.3
<b>Total Group Delay, maximum, ns</b>	130	130
<b>Return Loss, minimum, dB</b>	18	18
<b>Return Loss, typical, dB</b>	20	20
<b>Input Power, RMS, maximum, W</b>		100
<b>Input Power, PEP, maximum, W</b>		1000
<b>3rd Order PIM, maximum, dBc</b>		-150
<b>3rd Order PIM Test Method</b>		Two +43 dBm carriers

## Electrical Specifications, Band Reject

<b>Frequency Range, MHz</b>	<b>2575–2615</b>
<b>Attenuation, minimum, dB</b>	46

## Block Diagram



## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +65 °C (-40 °F to +149 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP67

# E16V87P63

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## Packaging and Weights

<b>Included</b>	Mounting hardware
<b>Weight, without mounting hardware</b>	5.2 kg   11.464 lb