

# E14V00P95

---



## CS-IMF 804-809/849-854 RJ50 788- 803

- New 4.3-10 connectors for improved PIM performance and size reduction

### Product Classification

**Product Type** Interference mitigation filter

### General Specifications

**Color** Gray

**Modularity** 2-Twin

**RF Connector Interface** 4.3-10 Female

**RF Connector Interface Body Style** Long neck

### Dimensions

**Height** 312 mm | 12.283 in

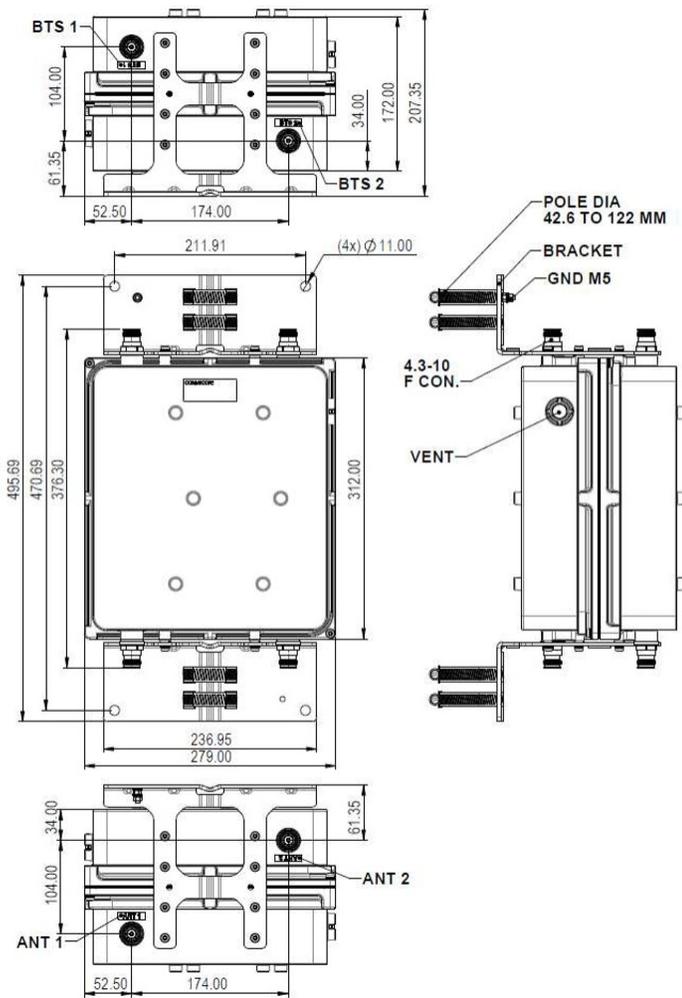
**Width** 279 mm | 10.984 in

**Depth** 172 mm | 6.772 in

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

### Outline Drawing

# E14V00P95



## Electrical Specifications, dc Power/Alarm

<b>Lightning Surge Current</b>	5 kA
<b>Lightning Surge Current Waveform</b>	8/20 waveform

## Electrical Specifications

<b>Sub-module</b>	1   2	1   2
<b>Branch</b>	1	1

## Electrical Specifications, Band Pass

<b>Frequency Range, MHz</b>	<b>849–854</b>	<b>804–809</b>
<b>Insertion Loss, maximum, dB</b>	0.4	1.15
<b>Insertion Loss, typical, dB</b>	0.2	0.3

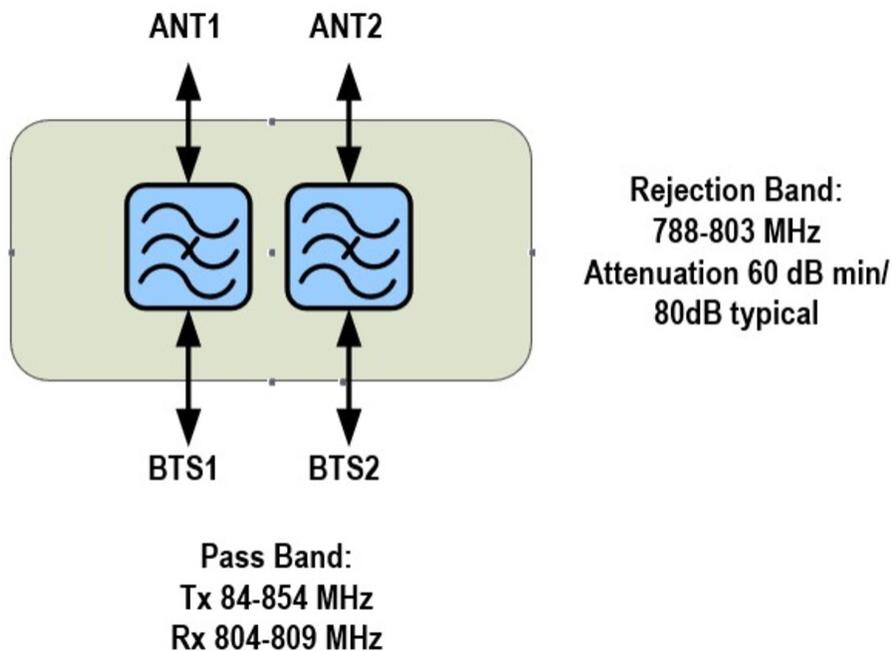
# E14V00P95

Group Delay Variation, maximum, ns	5	650
Total Group Delay, maximum, ns	45	800
Total Group Delay, typical, ns	35	400
Return Loss, minimum, dB	18	18
Return Loss, typical, dB	20	20
Isolation, minimum, dB	60	60
Input Power, RMS, maximum, W	300	
Input Power, PEP, maximum, W	1500	
3rd Order PIM, maximum, dBc	-153	
3rd Order PIM, typical, dBc	-155	
3rd Order PIM Test Method	2 x 20 W CW tones	

## Electrical Specifications, Band Reject

Frequency Range, MHz	<b>788-803</b>
Attenuation, minimum, dB	50
Attenuation, typical, dB	53

## Block Diagram



# E14V00P95

---

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Relative Humidity</b>	Up to 100%
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP67

## Packaging and Weights

<b>Volume</b>	12
<b>Weight, net</b>	18.4 kg   40.565 lb
<b>Weight, without mounting hardware</b>	16.2 kg   35.715 lb