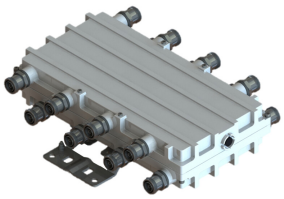
E14V00P49



8pck IMF for 2500 MHz TDD with 38dB rejection in 2500-2570&2620-2690 MHz

- dc/AISG blocking on all ports

Product Classification

Product Type	Interference mitigation filter

General Specifications

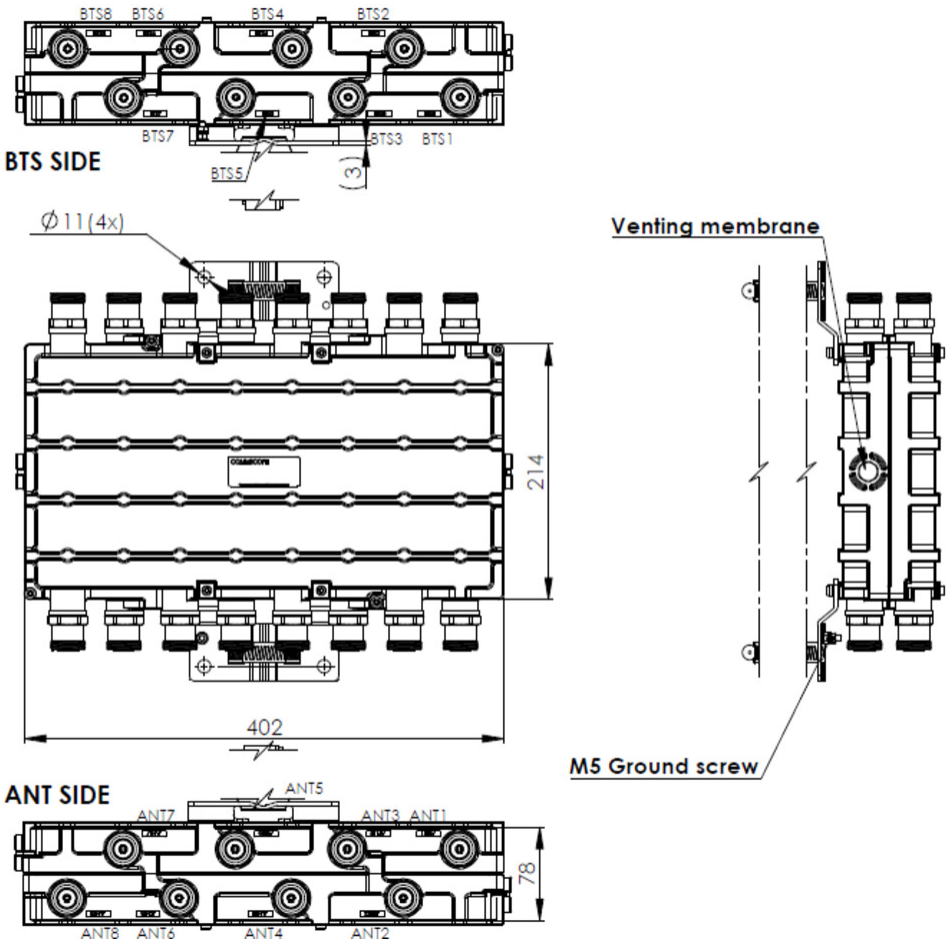
Color	Gray
Modularity	8-Octa
Mounting	Pole | Wall
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	7-16 DIN Female
RF Connector Interface Body Style	Long neck

Dimensions

Height	78 mm | 3.071 in
Width	402 mm | 15.827 in
Depth	214 mm | 8.425 in
Ground Screw Diameter	5 mm | 0.197 in
Mounting Pipe Diameter Range	43–122 mm

Outline Drawing

E14V00P49



Electrical Specifications

Impedance	50 ohm

Electrical Specifications, dc Power/Alarm

Lightning Surge Current	5 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications

Sub-module	**1 | 2 | 3 | 4 | 5 | 6 | 7 | 8**
Branch	1
License Band	IMT 2600, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz	**2575–2615**

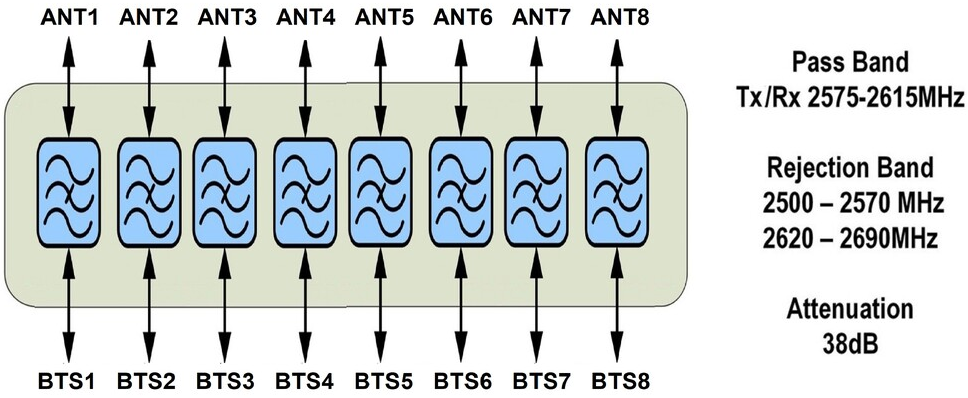
E14VOOP49

Insertion Loss, maximum, dB	1.3
Insertion Loss, typical, dB	0.5
Total Group Delay, maximum, ns	110
Return Loss, minimum, dB	18
Return Loss, typical, dB	20
Input Power, RMS, maximum, W	250
Input Power, PEP, maximum, W	1000
3rd Order PIM, maximum, dBc	-140
3rd Order PIM Test Method	Two +43 dBm carriers

Electrical Specifications, Band Reject

Frequency Range, MHz	**2500–2570** **2620–2690**
Attenuation, minimum, dB	38

Block Diagram



Environmental Specifications

Operating Temperature	-40 °C to +55 °C (-40 °F to +131 °F)
Relative Humidity	Up to 100%
Ingress Protection Test Method	IEC 60529:2001, IP67
Mean Time Between Failures, minimum	1000000 h

Packaging and Weights

E14VOOP49

Included	Mounting hardware
Weight, without mounting hardware	10.4 kg | 22.928 lb