

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

MountingPole | WallMounting Pipe HardwareBand clamps (2)

RF Connector Interface 7-16 DIN Female

RF Connector Interface Body StyleLong neck

Dimensions

 Height
 78 mm | 3.071 in

 Width
 402 mm | 15.827 in

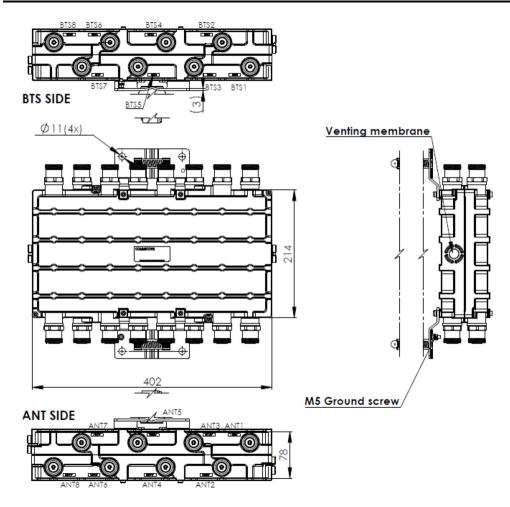
 Depth
 214 mm | 8.425 in

 Ground Screw Diameter
 5 mm | 0.197 in

 Mounting Pipe Diameter Range
 43-122 mm

Outline Drawing





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

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1.3 Insertion Loss, maximum, dB 0.5 Insertion Loss, typical, dB

Total Group Delay, maximum, ns

110

Return Loss, minimum, dB 18 Return Loss, typical, dB 20

Input Power, RMS, maximum,

250

Input Power, PEP, maximum,

1000

3rd Order PIM, maximum, dBc -140

3rd Order PIM Test Method Two +43 dBm carriers

Electrical Specifications, Band Reject

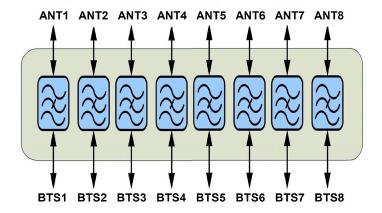
Frequency Range, MHz 2500-2570

2620-2690

38

Attenuation, minimum, dB

Block Diagram



Pass Band Tx/Rx 2575-2615MHz

> **Rejection Band** 2500 - 2570 MHz 2620 - 2690MHz

> > Attenuation 38dB

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

COMMSCOPE®

Included

Mounting hardware

Weight, without mounting hardware

10.4 kg | 22.928 lb

