

TWIN-IMF 2600 MHz,B38 Rejects 2500-2570&2620-2690, 38dB

Product Classification

Product Type Interference mitigation filter

General Specifications

Color Gray
Modularity 2-Twin

Mounting Pipe HardwareBand clamps (2)RF Connector Interface4.3-10 FemaleRF Connector Interface Body StyleLong neck

Dimensions

 Height
 86 mm | 3.386 in

 Width
 120 mm | 4.724 in

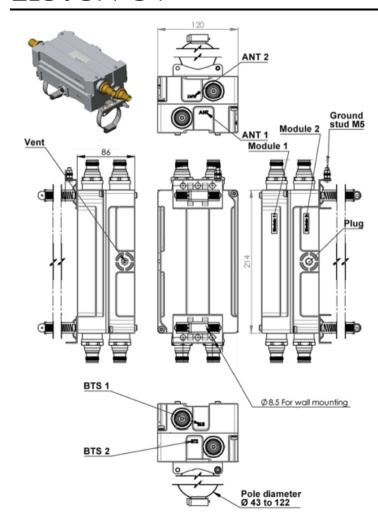
 Depth
 214 mm | 8.425 in

 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

 Branch
 1

License Band IMT 2600, Band Pass

Electrical Specifications, Band Pass



Frequency Range, MHz	2575-2615
----------------------	-----------

Insertion Loss, maximum, dB 1.3 Insertion Loss, typical, dB 0.5 100

Total Group Delay, maximum,

ns

Return Loss, minimum, dB 18 20 Return Loss, typical, dB Input Power, RMS, maximum, 250

Input Power, PEP, maximum,

3rd Order PIM, maximum, dBc -150

3rd Order PIM Test Method Two +43 dBm carriers

Electrical Specifications, Band Reject

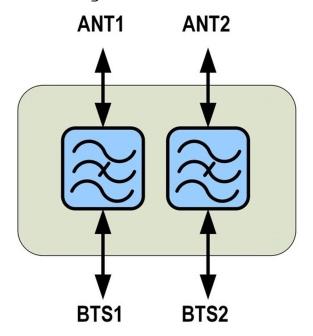
Frequency Range, MHz 2500-2570

2620-2690

1000

Attenuation, minimum, dB 38

Block Diagram



Pass Band TX/Rx 2575-2615MHz

> **Rejection Band** 2500 - 2570 MHz

2620 - 2690MHz

Attenuation 38dB

Environmental Specifications



Operating Temperature $-40 \,^{\circ}\text{C} \text{ to } +55 \,^{\circ}\text{C} \, (-40 \,^{\circ}\text{F to } +131 \,^{\circ}\text{F})$

Relative Humidity Up to 100%

Ingress Protection Test Method IEC 60529:2001, IP67

Packaging and Weights

Included Mounting hardware

Weight, without mounting hardware $3.4 \text{ kg} \mid 7.496 \text{ lb}$