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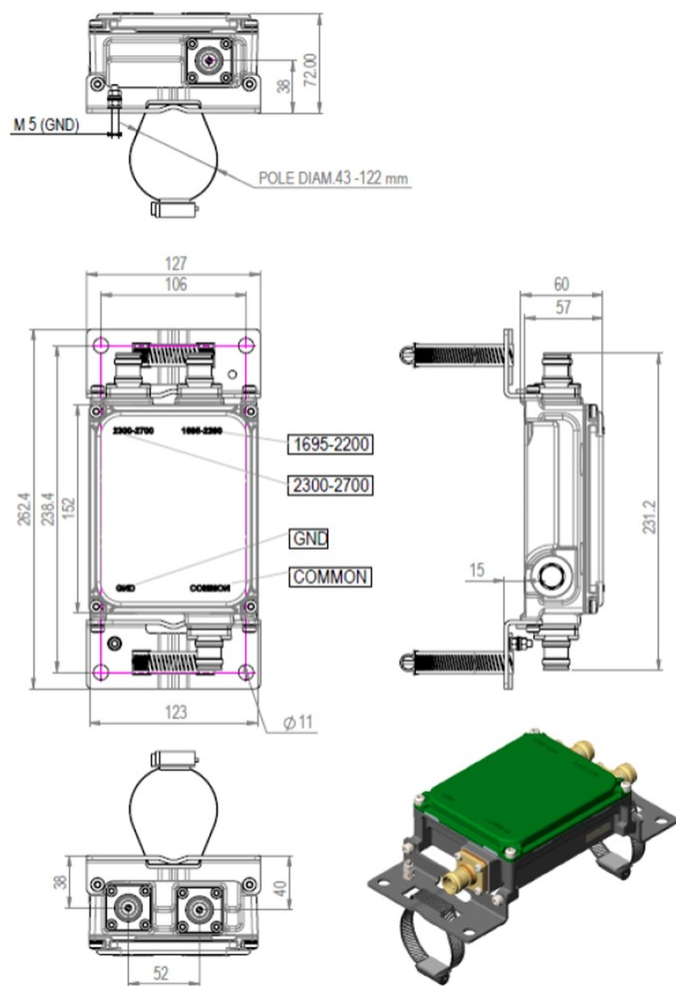
# E12F02P46

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Mounting Pipe Diameter Range	42.6–122 mm
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## Outline Drawing



## Electrical Specifications

<b>Impedance</b>	50 ohm
<b>License Band, Band Pass</b>	AWS 1700   DCS 1800   IMT 2100   IMT 2600   PCS 1900   WCS 2300

## Electrical Specifications, dc Power/Alarm

<b>dc/AISG Pass-through Method</b>	Factory set
<b>dc/AISG Pass-through Path</b>	Branch 1   Branch 2
<b>dc/AISG Pass-through, combiner</b>	Branch 1   Branch 2
<b>dc/AISG Pass-through, demultiplexer</b>	Branch 1   Branch 2
<b>Lightning Surge Current</b>	3 kA

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Lightning Surge Current Waveform

10/350 waveform

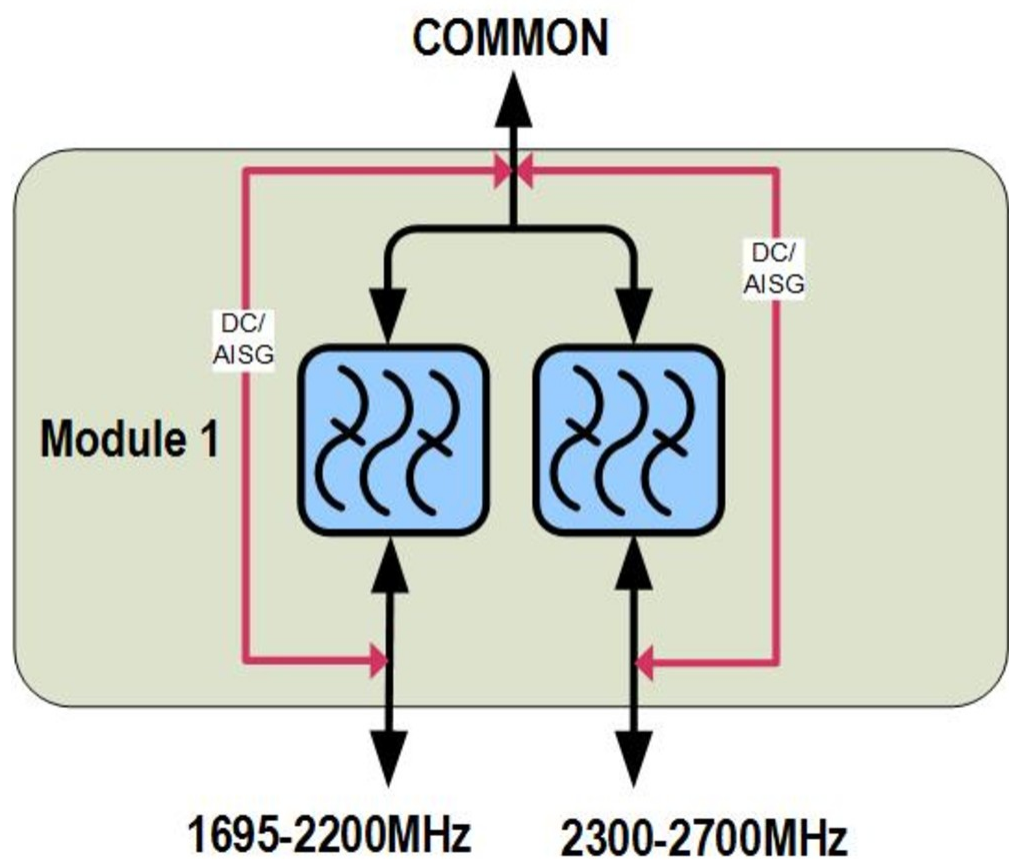
## Electrical Specifications

Sub-module	1	1
Branch	1	2
Port Designation	1695-2200	2300-2700
License Band	AWS 1700, Band Pass DCS 1800, Band Pass IMT 2100, Band Pass PCS 1900, Band Pass	IMT 2600, Band Pass WCS 2300, Band Pass

## Electrical Specifications, Band Pass

Frequency Range, MHz	1695–2200	2300–2700
Insertion Loss, typical, dB	0.2	0.2
Total Group Delay, maximum, ns	30	30
Return Loss, typical, dB	20	20
Isolation, minimum, dB	50	50
Input Power, PEP, maximum, W	3500	3500
3rd Order PIM, typical, dBc	-160	-160
3rd Order PIM Test Method	Two +43 dBm carriers	Two +43 dBm carriers

## Block Diagram



Environmental Specifications

Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

Packaging and Weights

Included	Mounting hardware
Volume	1.2 L
Weight, net	2.4 kg   5.291 lb
Weight, without mounting hardware	2 kg   4.409 lb