

# E11F02P17

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Twin Diplexer, FDD/TDD 2600, dc pass on all ports

- Twin configuration

## Product Classification

**Product Type** Diplexer

## General Specifications

**Product Family** CBC2526

**Color** Gray

**Common Port Label** COM

**Modularity** 2-Twin

**Mounting** Pole | Wall

**Mounting Pipe Hardware** Band clamps (2)

**RF Connector Interface** 7-16 DIN Female

**RF Connector Interface Body Style** Medium neck

## Dimensions

**Height** 270 mm | 10.63 in

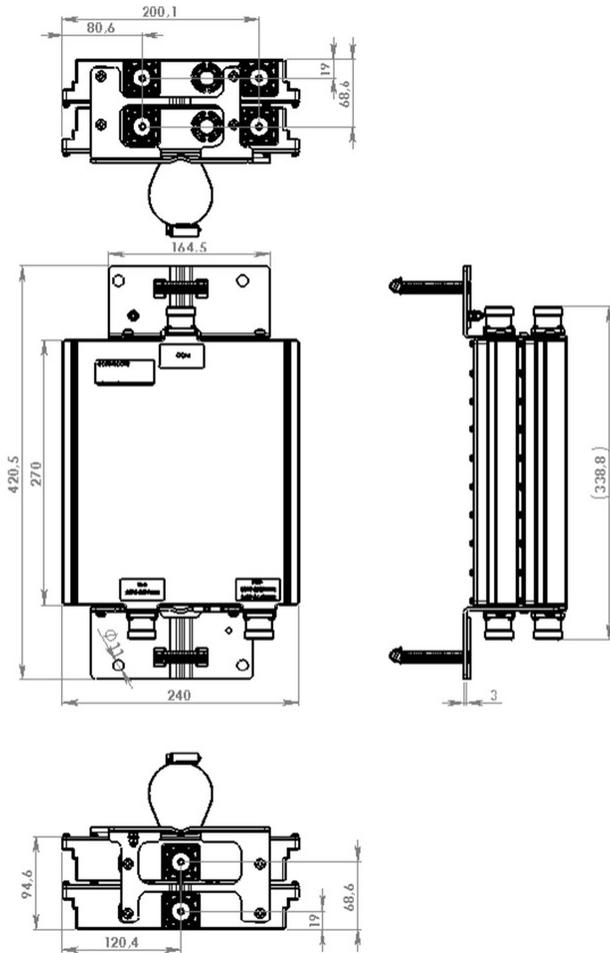
**Width** 239 mm | 9.409 in

**Depth** 105 mm | 4.134 in

**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>	IMT 2600   TDD 2600

## Electrical Specifications, Common Port

<b>Composite Power, RMS</b>	200 W
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## Electrical Specifications, dc Power/Alarm

<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

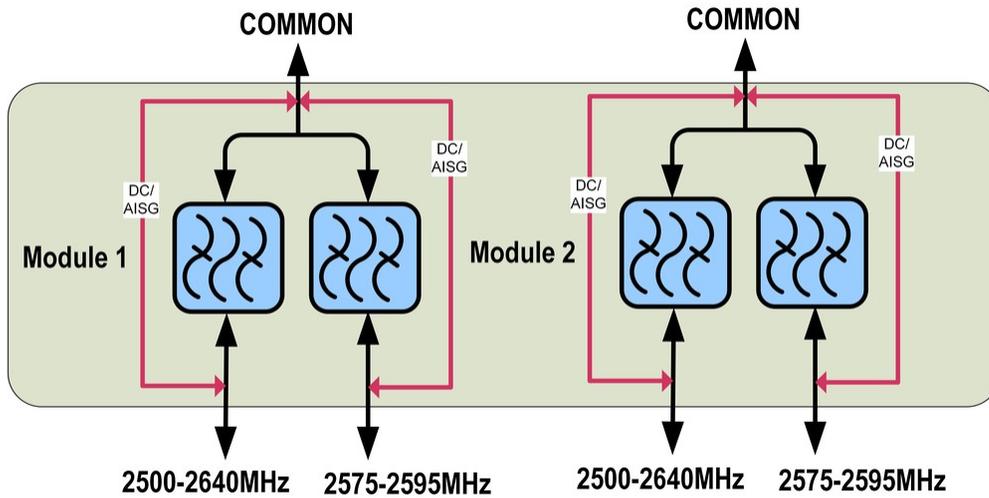
<b>Sub-module</b>	<b>1   2</b>	<b>1   2</b>
<b>Branch</b>	1	2
<b>Port Designation</b>	FDD 2500-2520/2620-2640	TDD 2575-2595
<b>License Band</b>	IMT 2600, Band Pass	TDD 2600, Band Pass

## Electrical Specifications, Band Pass

<b>Frequency Range, MHz</b>	<b>2500–2520 2620–2640</b>	<b>2575–2595</b>
<b>Insertion Loss, maximum, dB</b>	0.9	1.2
<b>Insertion Loss, typical, dB</b>	0.7	1
<b>Return Loss, minimum, dB</b>	18	18
<b>Isolation, minimum, dB</b>	90	90

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## Block Diagram



## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +65 °C (-40 °F to +149 °F)
<b>Corrosion Test Method</b>	IEC 60068-2-11, 30 days
<b>Ingress Protection Test Method</b>	IEC 60529:2001, IP67

## Packaging and Weights

<b>Included</b>	Mounting hardware
<b>Volume</b>	6.1 L
<b>Weight, net</b>	8.6 kg   18.96 lb

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system