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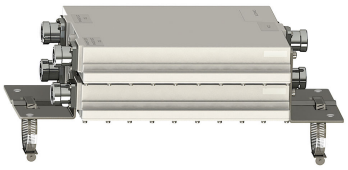

Twin Diplexer, FDD/TDD 2600, dc pass on all ports

- 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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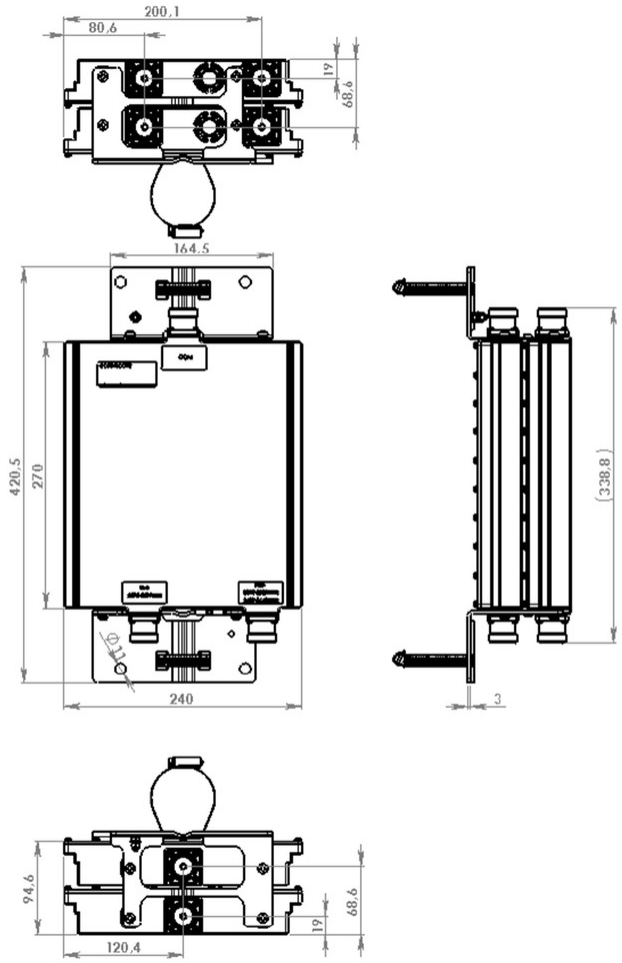
Outline Drawing



Electrical Specifications

Impedance	50 ohm
License Band, Band Pass	IMT 2600 | TDD 2600

Electrical Specifications, Common Port

Composite Power, RMS	200 W

Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through Method	Factory set
dc/AISG Pass-through Path	Branch 1 | Branch 2
dc/AISG Pass-through, combiner	Branch 1 | Branch 2

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dc/AISG Pass-through, demultiplexer	Branch 1 | Branch 2
Lightning Surge Current	3 kA
Lightning Surge Current Waveform	10/350 waveform

Electrical Specifications

Sub-module	**1 | 2**	**1 | 2**
Branch	1	2
Port Designation	FDD 2500-2520/2620-2640	TDD 2572.5-2602.5
License Band	IMT 2600, Band Pass	TDD 2600, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz	**2500–2520 2620–2640**	**2572.5–2602.5**
Insertion Loss, maximum, dB	0.9	1.2
Insertion Loss, typical, dB	0.7	1
Return Loss, minimum, dB	18	18
Isolation, minimum, dB	85	85

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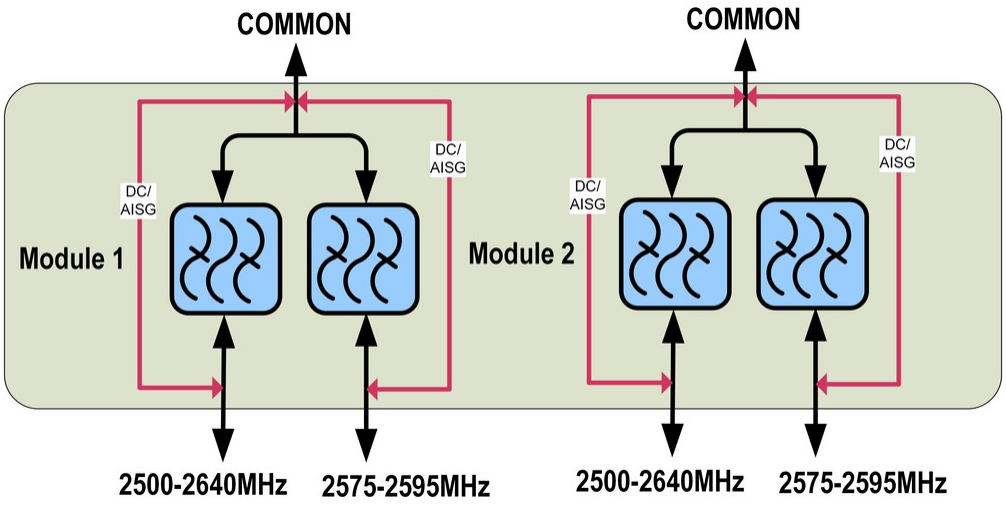
Block Diagram



Environmental Specifications

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

Packaging and Weights

Included	Mounting hardware
Volume	6.1 L
Weight, net	8.6 kg | 18.96 lb

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant/Exempted

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