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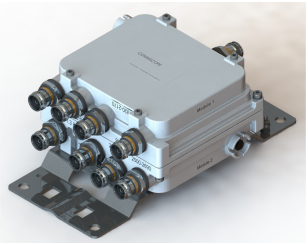

Ultra Compact Twin Quadplexer 1325-1880/1920-2170/2300-2400 /2500-2690 MHz, All ports DC block, with 4.3-10 connectors

- New 4.3-10 connectors for improved PIM performance and size reduction
- dc/AISG blocking on all ports
- Clam shell configuration

Product Classification

Product Type	Quadplexer

General Specifications

Color	Gray
Modularity	2-Twin
Mounting	Pole | Wall
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	4.3-10 Female

Dimensions

Height	88 mm | 3.465 in
Width	171 mm | 6.732 in
Depth	151 mm | 5.945 in
Mounting Pipe Diameter Range	42.6–122 mm

Outline Drawing

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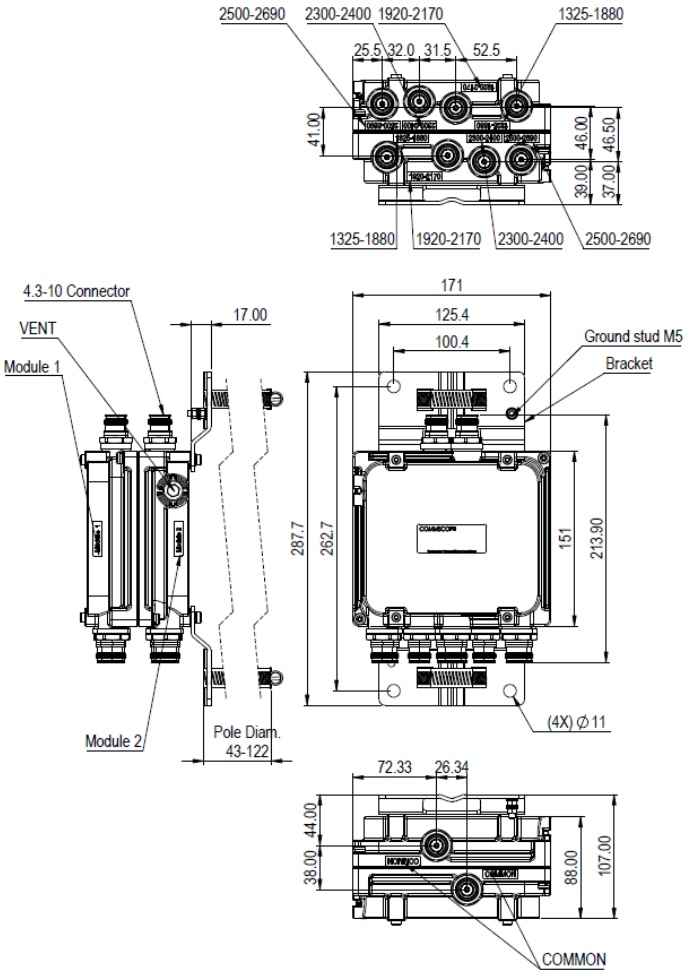

Electrical Specifications

Impedance	50 ohm

Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through Method	No dc/AISG pass-through
Lightning Surge Current	5 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications

Sub-module	**1 | 2**	**1 | 2**	**1 | 2**	**1 | 2**
Branch	1	2	3	4
Port Designation	PORT 1 1325-	PORT 2 1920-	PORT 3 2300-	PORT 4 2500-

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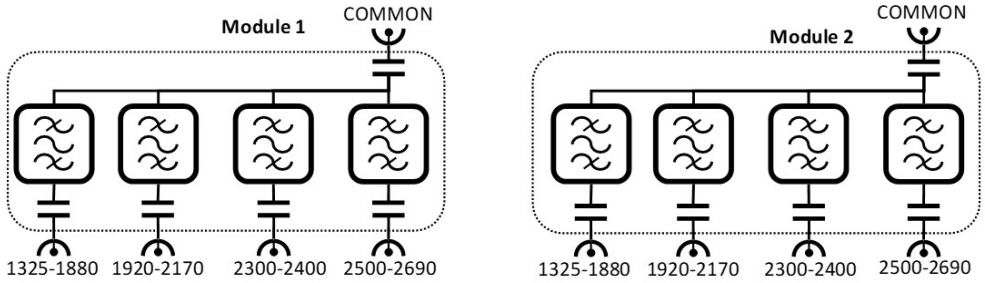
	1880MHz	2170MHz	2400MHz	2690MHz

Electrical Specifications, Band Pass

Frequency Range, MHz	**1325–1525 1710–1880**	**1920–2170**	**2300–2400**	**2500–2690**
Insertion Loss, maximum, dB	0.5	0.5	0.5	0.5
Return Loss, minimum, dB	18	18	18	18
Isolation, minimum, dB	35	35	35	35
Input Power, RMS, maximum, W	100	100	100	100
Input Power, PEP, maximum, W	1000	1000	1000	1000
3rd Order PIM, typical, dBc	-163	-163	-163	-163
3rd Order PIM Test Method	Two +43 dBm carriers	Two +43 dBm carriers	Two +43 dBm carriers	Two +43 dBm carriers

Block Diagram



Mechanical Specifications

Wind Speed, maximum	240 km/h (149 mph)

Environmental Specifications

Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)
Corrosion Test Method	IEC 60068-2-11, 30 days
Environmental Test Method	ETSI EN 300 019-1-4
Ingress Protection Test Method	IEC 60529:2001, IP67
Vibration Test Method	IEC 60068-2-6

Packaging and Weights

Included	Mounting hardware
Volume	2.3 L
Weight, without mounting hardware	2.6 kg | 5.732 lb