

E14F15P30



Single Quadplexer 1325-1880//2100//2300//2600 MHz, DC Block, with 4.3-10 connectors

- Industry leading PIM performance
- Designed for network modernization application, introduction of LTE2300 and LTE2600 on existing site
- Designed for network modernization application, introduction of LTE 4x4 MIMO
- Suitable for feeders cables reduction
- New 4.3-10 connectors for improved PIM performance and size reduction
- dc/AISG blocking on all ports

OBSOLETE

This product was discontinued on: December 30, 2024

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 48 mm | 1.89 in

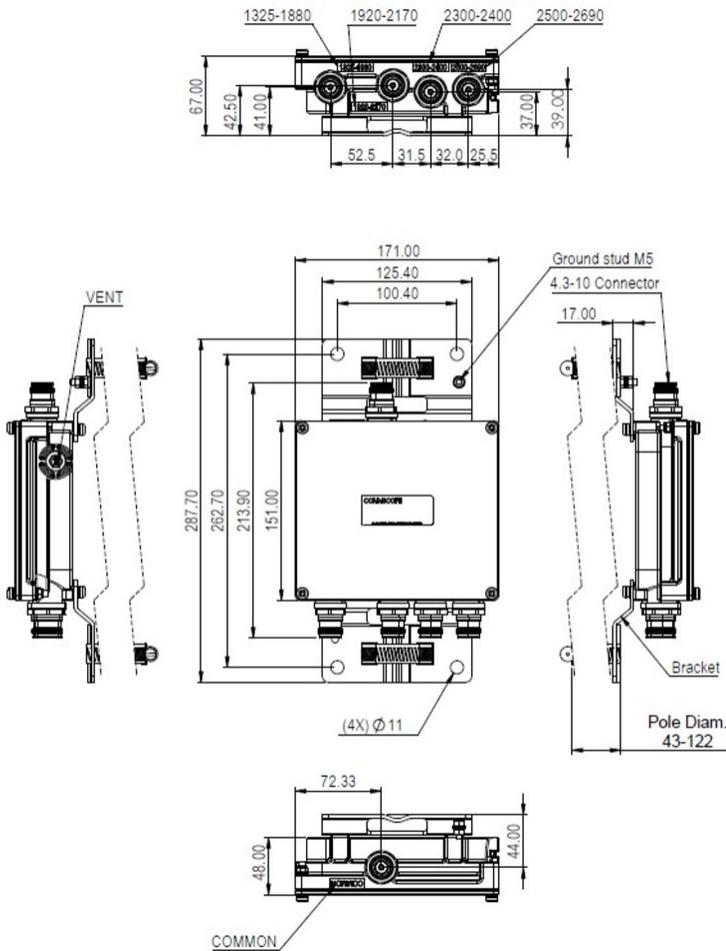
Width 171 mm | 6.732 in

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

Lightning Surge Current 5 kA

Lightning Surge Current Waveform 8/20 waveform

Electrical Specifications

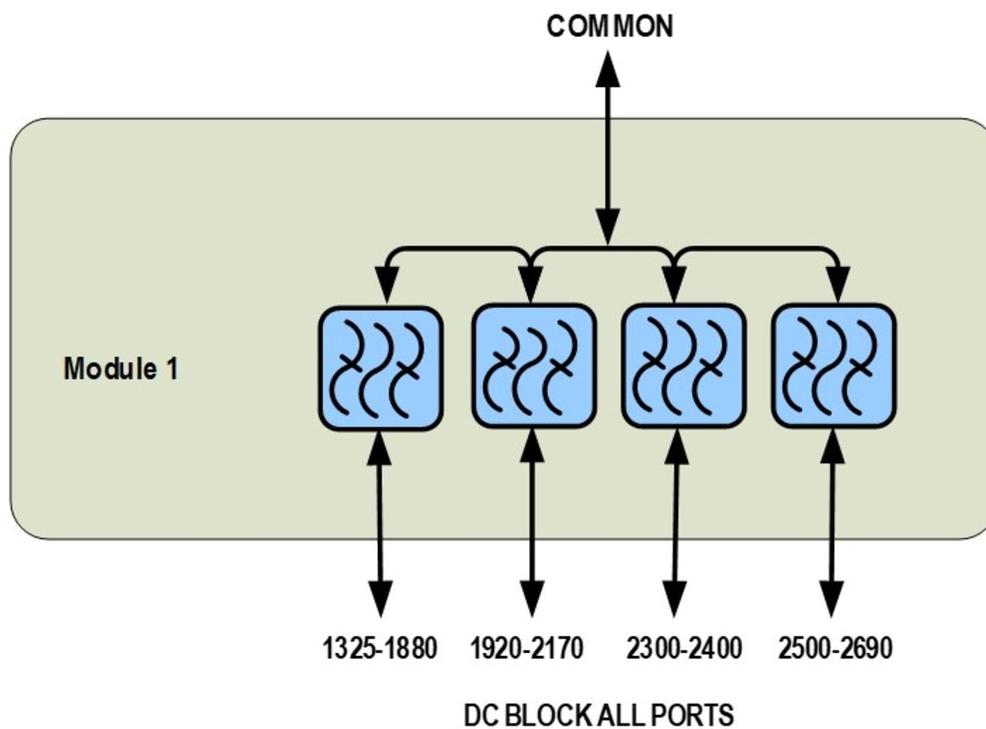
Sub-module	1 2	1 2	1 2	1 2
Branch	1	2	3	4
Port Designation	PORT 1 1325-1880MHz	PORT 2 1920-2170MHz	PORT 3 2300-2400MHz	PORT 4 2500-2690MHz

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Electrical Specifications, Band Pass

Frequency Range, MHz	1325–1880	1920–2170	2300–2400	2500–2690
Insertion Loss, typical, dB	0.3	0.3	0.3	0.3
Return Loss, typical, dB	20	20	20	20
Isolation, typical, dB	37	37	37	37
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			

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

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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	1.25 L
Weight, net	2.3 kg 5.071 lb
Weight, without mounting hardware	1.7 kg 3.748 lb