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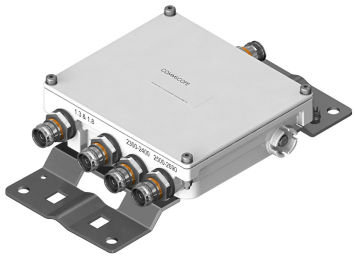


Single Quadplexer 1325-1880//2100//2300//2600 MHz, DC Block, with 4.3-10 connectors

- 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

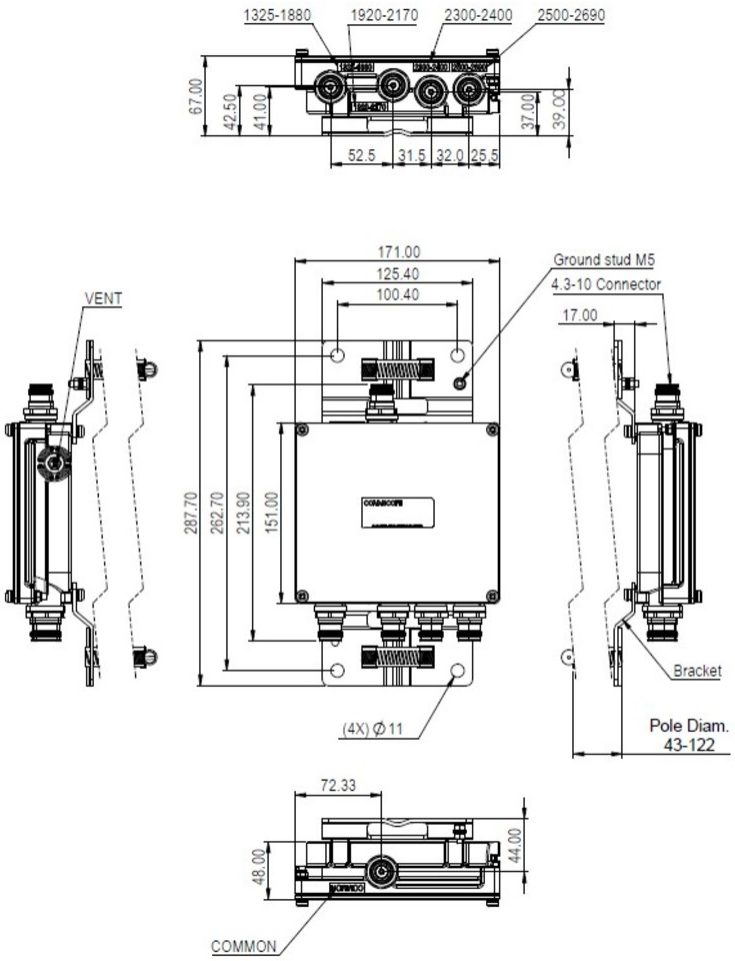
Color	Gray
Modularity	2-Twin
Mounting	Pole | Wall
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	4.3-10 Female

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

E14F15P30



Electrical Specifications

Impedance	50 ohm

Electrical Specifications, dc Power/Alarm

Lightning Surge Current	5 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications

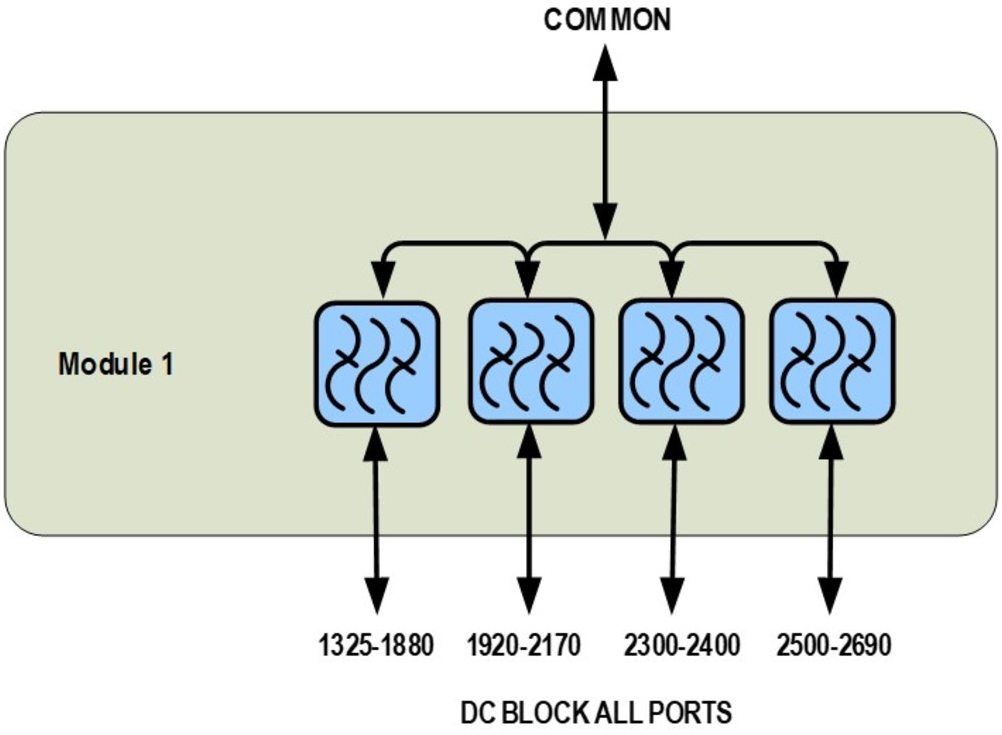
Sub-module	**1 | 2**	**1 | 2**	**1 | 2**	**1 | 2**
Branch	1	2	3	4
Port Designation	PORT 1 1325-1880MHz	PORT 2 1920-2170MHz	PORT 3 2300-2400MHz	PORT 4 2500-2690MHz

E14F15P30

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	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

E14F15P30

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