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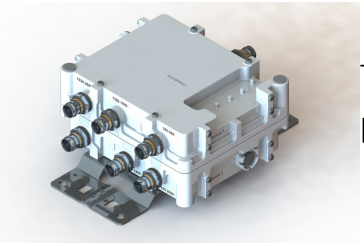

Twin Triplexer 380-960/1350-1880/1920-2690, DC/AISG high band ports bypass functionality, 4.3-10 connectors

- New 4.3-10 connectors for improved PIM performance and size reduction
- Twin configuration
- dc/AISG pass-through on high frequency ports

OBSOLETE

This product was discontinued on: December 30, 2024

Replaced By:

E14F10P85	Twin Triplexer 380-960/1350-1880/1920-2690, DC bypass for all ports, 4.3-10 connectors

Product Classification

Product Type	Triplexer

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	103.2 mm | 4.063 in
Width	226 mm | 8.898 in
Depth	189.5 mm | 7.461 in
Mounting Pipe Diameter Range	42.6–122 mm

Outline Drawing

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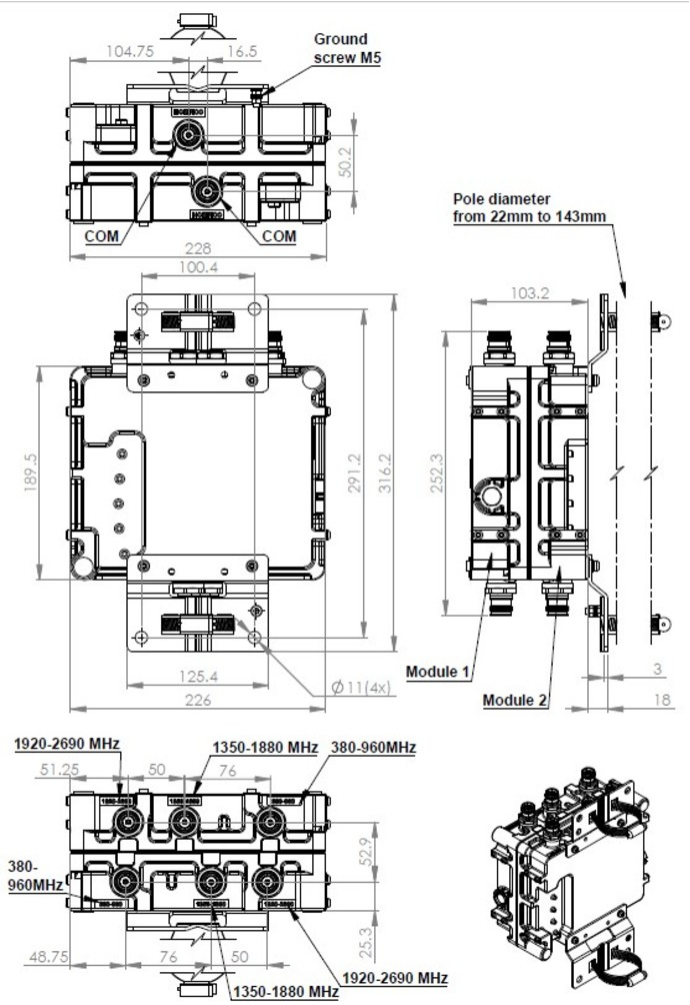

Electrical Specifications

Impedance	50 ohm

Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through Method	Factory set
dc/AISG Pass-through, combiner	Branch 3
dc/AISG Pass-through, demultiplexer	Branch 3
Lightning Surge Current	10 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications

Sub-module	**1 | 2**	**1 | 2**	**1 | 2**

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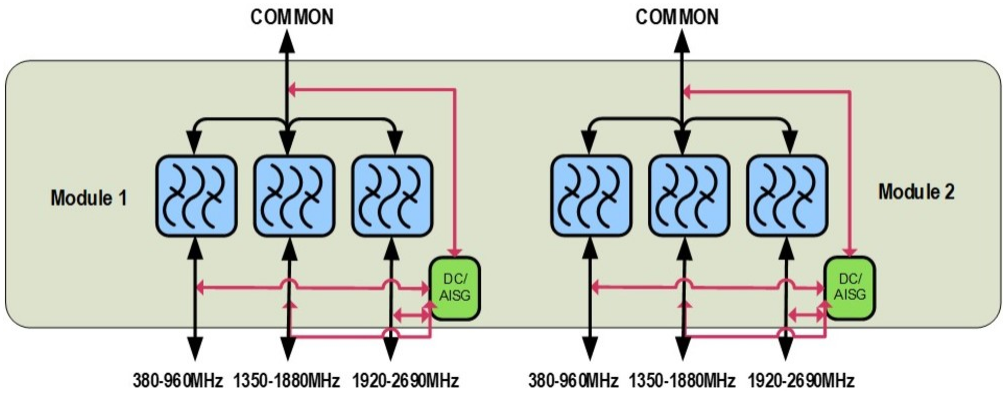
Branch	1	2	3
Port Designation	380-960	1350-1880	1920-2690

Electrical Specifications, Band Pass

Frequency Range, MHz	**698–960**	**1350–1880**	**1920–2690**
Insertion Loss, typical, dB	0.25	0.35	0.35
Return Loss, typical, dB	20	20	20
Isolation, typical, dB	52	52	52
Input Power, RMS, maximum, W	200	200	200
Input Power, PEP, maximum, W	2000	2000	2000
3rd Order PIM, typical, dBc	-162	-162	-162
3rd Order PIM Test Method	Two +43 dBm carriers	Two +43 dBm carriers	Two +43 dBm carriers

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
Environmental Test Method	ETSI EN 300 019-1-4
Ingress Protection Test Method	IEC 60529:2001, IP67

Packaging and Weights

Included	Mounting hardware
Volume	4.45 L
Weight, net	6.5 kg | 14.33 lb

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Weight, without mounting hardware	6 kg | 13.228 lb