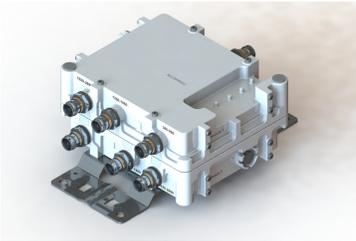


E14F10P89



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

- New 4.3-10 connectors for improved PIM performance and size reduction
- Twin configuration
- DC/AISG SMART bypass functionality

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

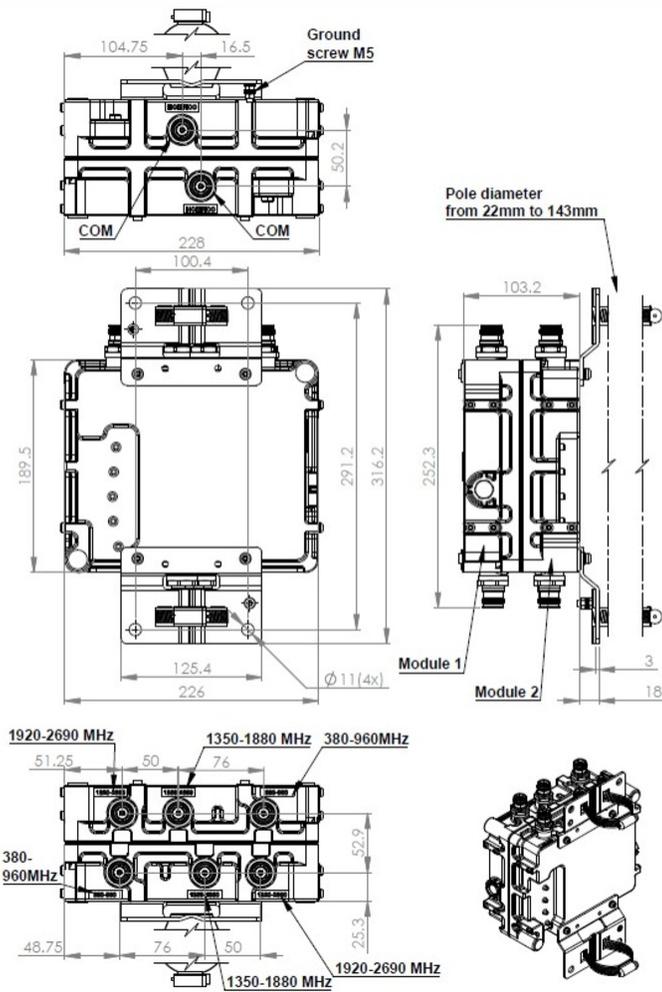
Width 226 mm | 8.898 in

Depth 189.5 mm | 7.461 in

Mounting Pipe Diameter Range 42.6–122 mm

Outline Drawing

E14F10P89



Electrical Specifications

Impedance	50 ohm
Electrical Specifications, dc Power/Alarm	
dc/AISG Pass-through Method	Auto sensing
dc/AISG Pass-through, combiner	Autosensing
dc/AISG Pass-through, demultiplexer	Autosensing
Lightning Surge Current	10 kA
Lightning Surge Current Waveform	8/20 waveform

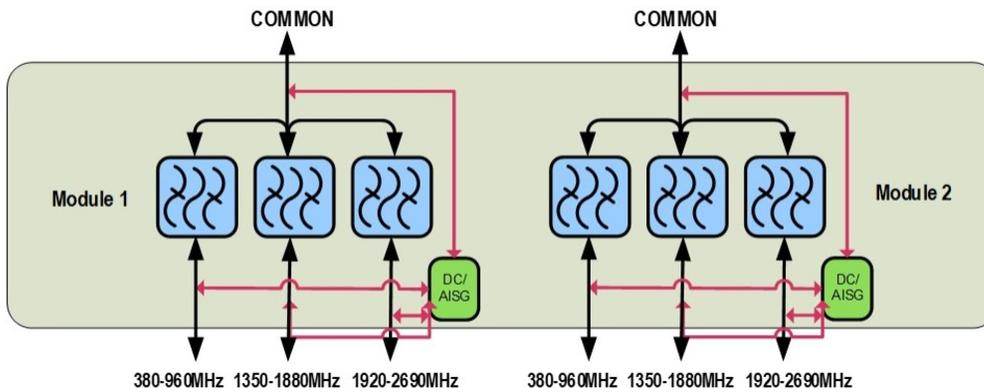
Electrical Specifications

Sub-module	1 2	1 2	1 2
-------------------	-------	-------	-------

E14F10P89

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
Weight, without mounting hardware	6 kg 13.228 lb

E14F10P89

