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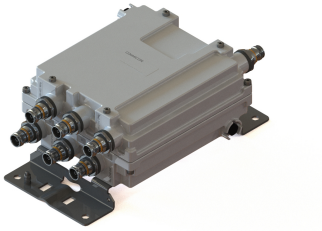


2X Triplexer 380-862/880-960/1350-2700, DC Bypass on all ports, with 4.3-10 connectors

- Industry leading PIM performance
- Twin configuration
- New 4.3-10 connectors for improved PIM performance and size reduction
- Designed for network modernization application, introduction of LTE1400 on existing site
- Designed for network modernization application, introduction of LTE700 and LTE800 on existing site
- dc/AISG pass-through on all frequency ports

Product Classification

Product Type	Triplexer

General Specifications

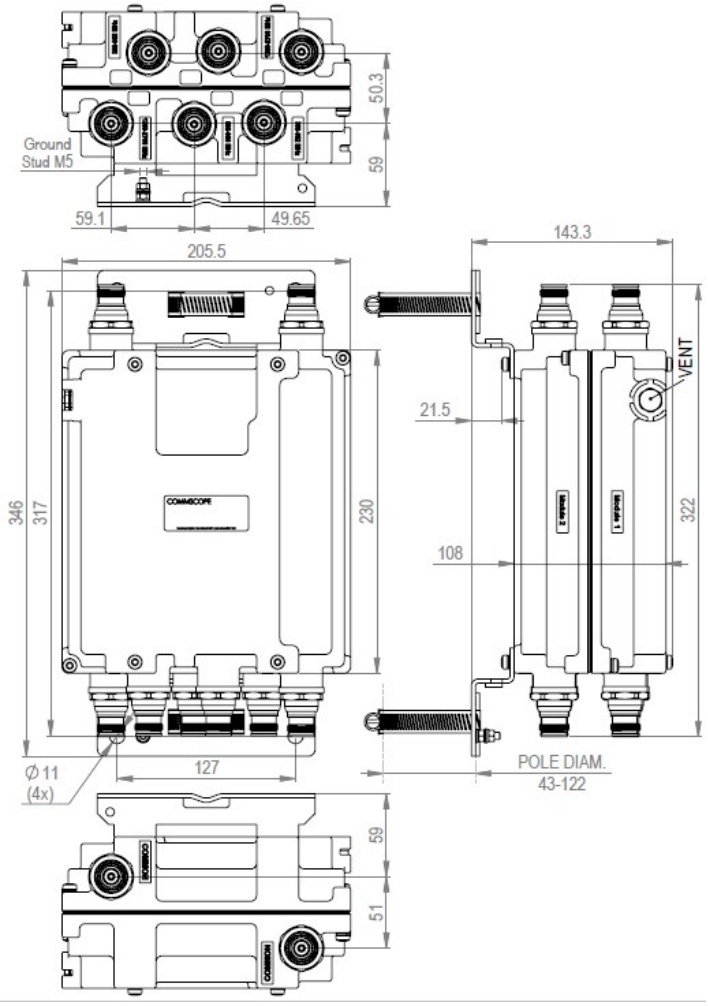
Color	Gray
Modularity	2-Twin
Mounting	Pole | Wall
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	4.3-10 Female

Dimensions

Height	230 mm | 9.055 in
Width	205.5 mm | 8.091 in
Depth	108 mm | 4.252 in
Mounting Pipe Diameter Range	42.6–122 mm

Outline Drawing

E14F10P41



Electrical Specifications

Impedance	50 ohm
License Band, Band Pass	APT 700 | CEL 900 | DCS 1800 | EDD 800 | IMT 2100 | IMT 2600 | LMR 900 | TDD 2300

Electrical Specifications, dc Power/Alarm

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

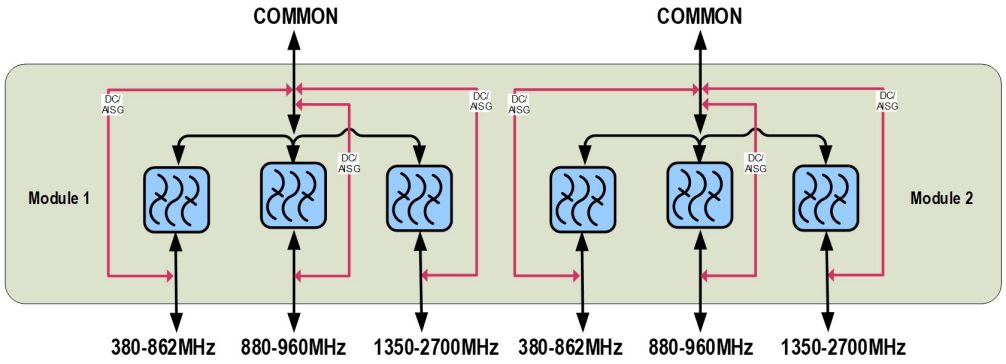
E14F10P41

Sub-module	**1 | 2**	**1 | 2**	**1 | 2**
Branch	1	2	3
Port Designation	1350-2700	880-960	380-862
License Band	DCS 1800, Band Pass IMT 2100, Band Pass TDD 2300, Band Pass IMT 2600, Band Pass	CEL 900, Band Pass LMR 900, Band Pass	APT 700, Band Pass EDD 800, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz	**1350–2700**	**880–960**	**380–862**
Insertion Loss, typical, dB	0.3	0.3	0.3
Return Loss, typical, dB	18	18	18
Isolation, typical, dB	52	52	52
Input Power, RMS, maximum, W	300	300	300
Input Power, PEP, maximum, W	3000	3000	3000
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

E14F10P41

Volume	5.1 L
Weight, without mounting hardware	7.9 kg | 17.416 lb