E14F10P10

2X Triplexer 694-862/880-960/1800-2100-2300-2600, DC Smart Bypass, 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 LTE700 and LTE800 on existing site

Product Classification

Product Type	Triplexer

General Specifications

Color	Gray
Common Port Label	COMM
Modularity	2-Twin
Mounting	Pole | Wall
Mounting Pipe Hardware	Band clamps (2)
RF Connector Interface	4.3-10 Female
RF Connector Interface Body Style	Medium neck

Dimensions

Height	257 mm | 10.118 in
Width	251 mm | 9.882 in
Depth	130 mm | 5.118 in
Mounting Pipe Diameter Range	42.6–122 mm

Outline Drawing

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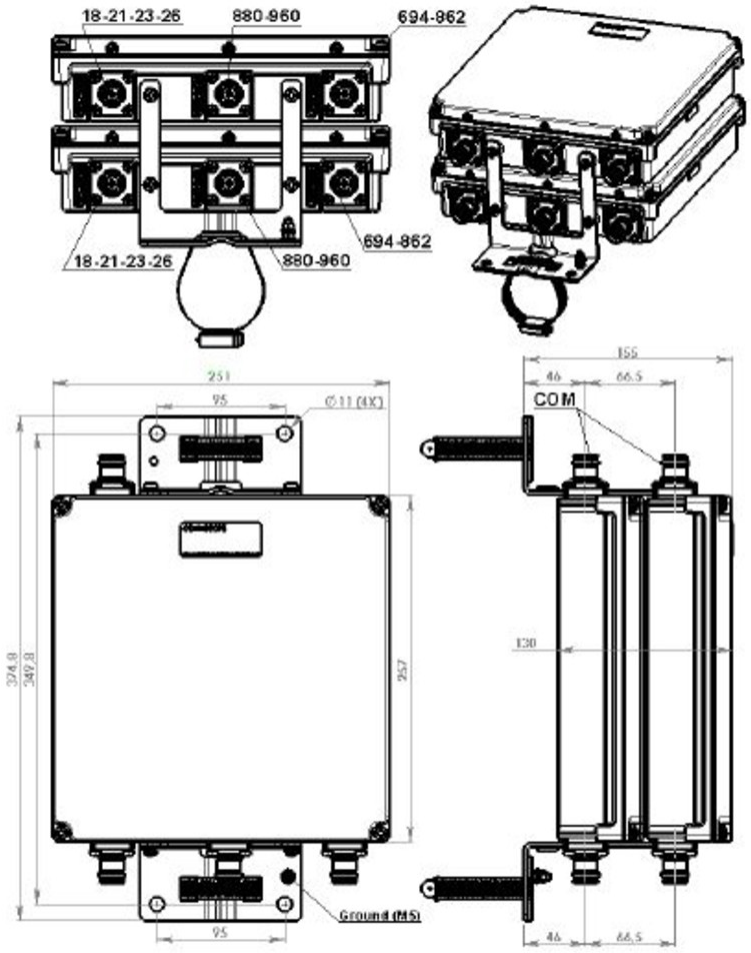

Electrical Specifications

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	5 kA
Lightning Surge Current Waveform	8/20 waveform

Electrical Specifications

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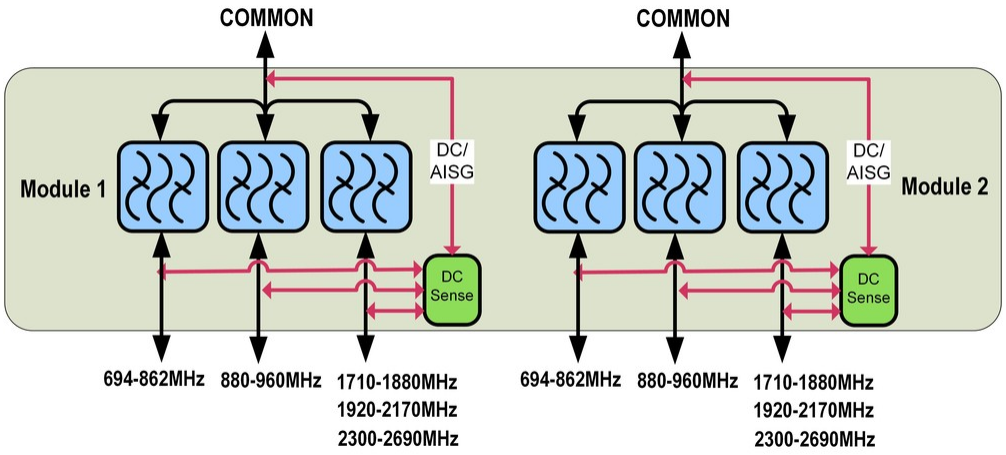
Sub-module	1 | 2	1 | 2	1 | 2
Branch	1	2	3
Port Designation	18-21-23-26	880-960	694-862
License Band	DCS 1800, Band Pass IMT 2100, Band Pass TDD 2300, Band Pass IMT 2600, Band Pass	CEL 900, Band Pass LMR 900, Band Pass	APT 700, Band Pass EDD 800, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz	1710–1880 1920–2170 2300–2690	880–960	694–862
Insertion Loss, typical, dB	0.35	0.3	0.35
Return Loss, typical, dB	20	20	20
Isolation, minimum, dB	50	50	50
Input Power, RMS, maximum, W	300	300	300
Input Power, PEP, maximum, W	3000	3000	3000
3rd Order PIM, typical, dBc	-160	-160	-160
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 +60 °C (-40 °F to +140 °F)
Relative Humidity	Up to 100%
Corrosion Test Method	IEC 60068-2-11, 30 days
Ingress Protection Test Method	IEC 60529:2001, IP67

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Packaging and Weights

Included	Mounting hardware
Volume	8.4 L
Weight, net	8.2 kg | 18.078 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system