

E14F07P34



Single Diplexer, 703-788/791-960 MHz, DC Pass on All port, 4.3-10 connectors

- Industry leading PIM performance
- Designed for network Modernization, introduction of LTE700 on existing site
- New 4.3-10 connectors for improved PIM performance and size reduction
- DC/AISG passing on all ports

Product Classification

Product Type Diplexer

General Specifications

Color Gray

Modularity 1-Single

Mounting Pole | Wall

Mounting Pipe Hardware Band clamps (2)

RF Connector Interface 4.3-10 Female

RF Connector Interface Body Style Long neck

Dimensions

Height 220 mm | 8.661 in

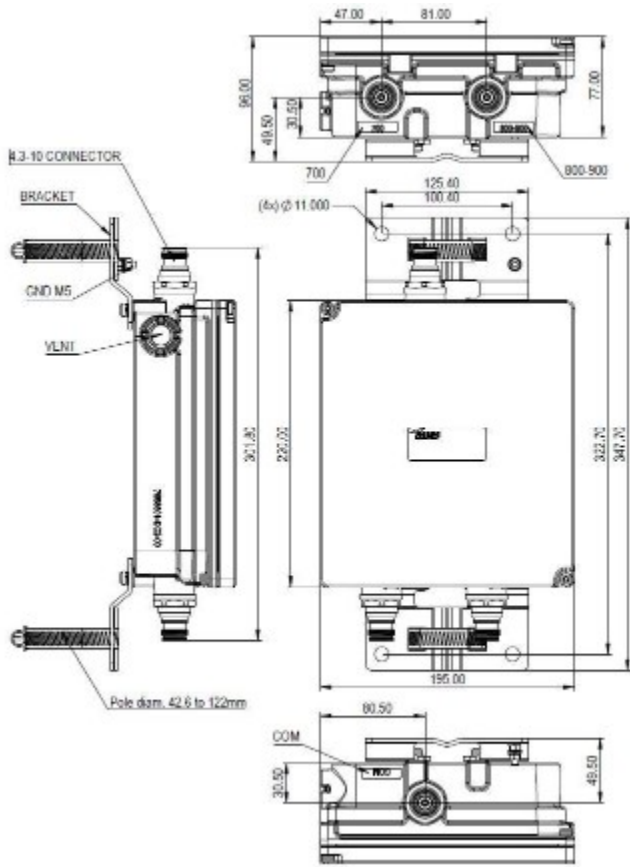
Width 195 mm | 7.677 in

Depth 77 mm | 3.031 in

Mounting Pipe Diameter Range 42.6–122 mm

Outline Drawing

E14F07P34



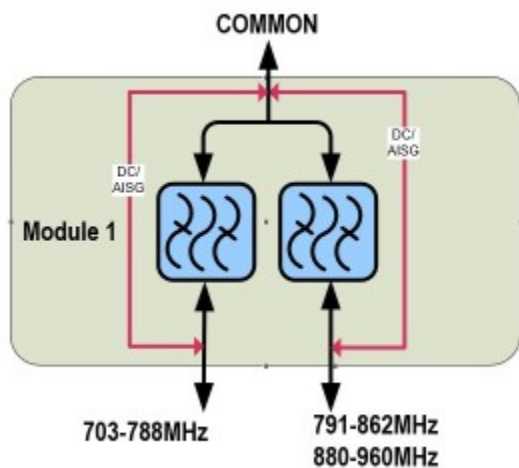
E14F07P34

Branch	1	2
Port Designation	703-788	791-862 & 880-960
License Band	APT 700, Band Pass	CEL 900, Band Pass EDD 800, Band Pass

Electrical Specifications, Band Pass

Frequency Range, MHz	703-788	791-862 880-960
Insertion Loss, typical, dB	0.2	0.2
Return Loss, typical, dB	20	20
Isolation, minimum, dB	40	40
Input Power, RMS, maximum, W	150	150
Input Power, PEP, maximum, W	1000	1000
3rd Order PIM, typical, dBc	-162	-162
3rd Order PIM Test Method	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

E14F07P34

Included	Mounting hardware
Volume	3.3 L
Weight, net	3.3 kg 7.275 lb
Weight, without mounting hardware	2.8 kg 6.173 lb

Regulatory Compliance/Certifications

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