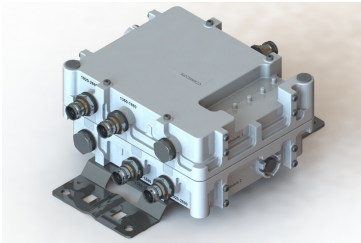


# E14F06P40



Twin Diplexer, 1325-1880/1920-2690, dc/AISG high band ports bypass, with 4.3-10 connectors

- New 4.3-10 connectors for improved PIM performance and size reduction
- Designed for network Modernization, introduction of LTE1800 on existing site
- Designed for network modernization application, introduction of LTE2300 and LTE2600 on existing site
- Twin configuration
- dc/AISG pass-through on high frequency ports

**OBSOLETE**

This product was discontinued on: December 30, 2024

Replaced By:

E14F06P38                      Twin Diplexer, 1325-1880/1920-2690, dc/AISG pass-through on all ports, with 4.3-10 connectors

## Product Classification

**Product Type**    Diplexer

## 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

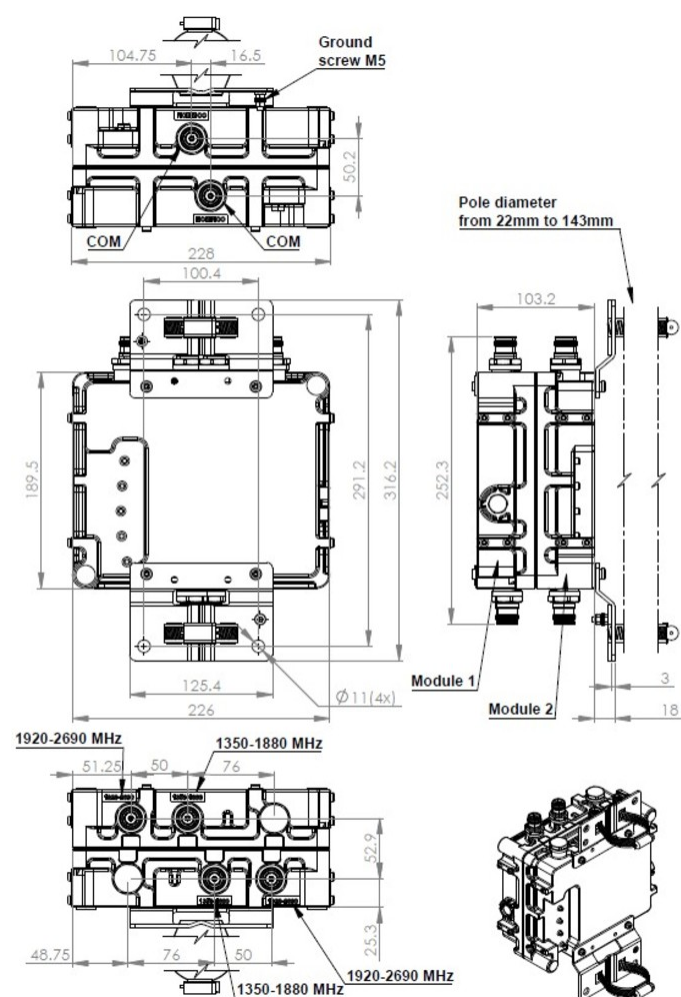
**Width**    226 mm | 8.898 in

**Depth**    189.5 mm | 7.461 in

**Mounting Pipe Diameter Range**    42.6–122 mm

## Outline Drawing

# E14F06P40



## Electrical Specifications

Impedance	50 ohm
Electrical Specifications, dc Power/Alarm	
dc/AISG Pass-through Method	Factory set
dc/AISG Pass-through, combiner	Branch 2
dc/AISG Pass-through, demultiplexer	Branch 2
Lightning Surge Current	10 kA
Lightning Surge Current Waveform	8/20 waveform

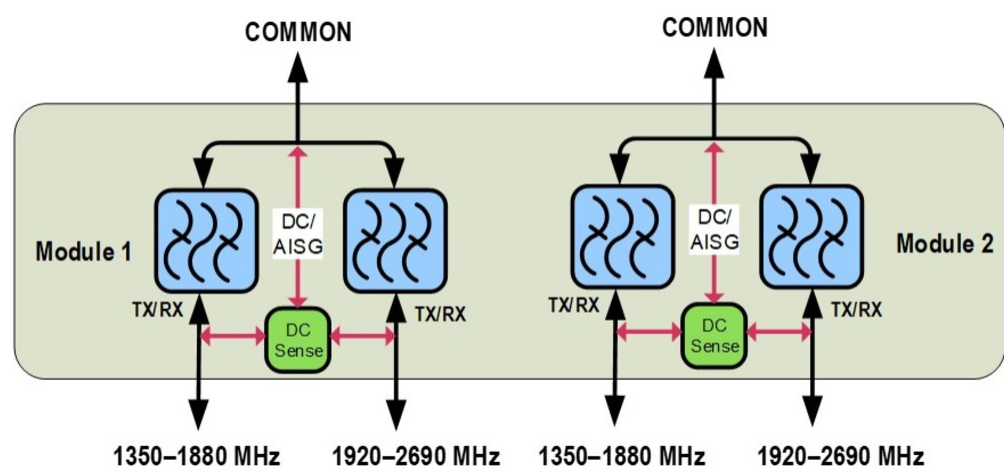
## Electrical Specifications

Sub-module	1   2	1   2
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# E14F06P40

Branch	1	2
Port Designation	PORT 1 1350-1880	PORT 2 1920-2690
Electrical Specifications, Band Pass		
Frequency Range, MHz	1325–1880	1920–2690
Insertion Loss, typical, dB	0.35	0.35
Return Loss, typical, dB	20	20
Isolation, typical, dB	52	52
Input Power, RMS, maximum, W	200	200
Input Power, PEP, maximum, W	2000	2000
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

Included	Mounting hardware
Volume	4.45 L

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Weight, net	6 kg   13.228 lb
Weight, with mounting hardware	6.5 kg   14.33 lb