E14F06P24



Twin Diplexer, 700/800 MHz, dc by pass on all ports

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

Product Classification

Product Type Diplexer

General Specifications

Color Gray
Modularity 2-Twin

MountingPole | WallMounting Pipe HardwareBand clamps (2)RF Connector Interface4.3-10 Female

Dimensions

 Height
 214 mm | 8.425 in

 Width
 216 mm | 8.504 in

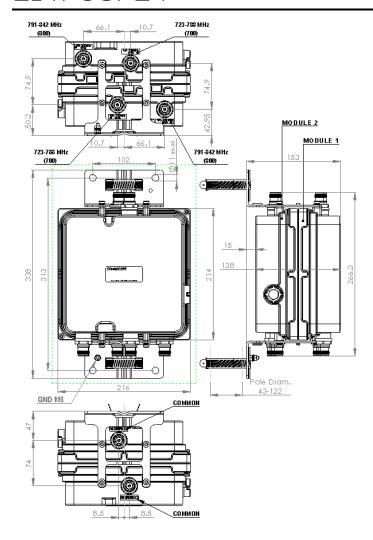
 Depth
 138 mm | 5.433 in

Mounting Pipe Diameter Range 42.6–122 mm

Outline Drawing



E14F06P24



Electrical Specifications

Impedance50 ohmLightning Surge Current10 kA

Lightning Surge Current Waveform 8/20 waveform

Electrical Specifications, dc Power/Alarm

dc/AISG Pass-through Method Factory set

dc/AISG Pass-through PathBranch 1| Branch 2dc/AISG Pass-through, combinerBranch 1| Branch 2dc/AISG Pass-through, demultiplexerBranch 1| Branch 2

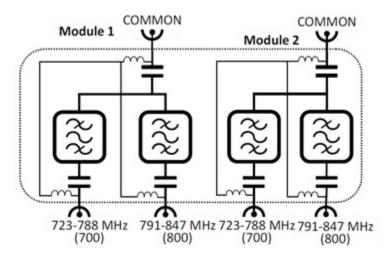
Electrical Specifications, Band Pass



E14F06P24

Frequency Range, MHz	723-788	791-847
Insertion Loss, typical, dB	0.35	0.35
Return Loss, typical, dB	20	20
Isolation, minimum, dB	40	40
Input Power, RMS, maximum, W	200	200
Input Power, PEP, maximum, W	800	800
3rd Order PIM, typical, dBc	-162	-162
3rd Order PIM Test Method	2 x 20 W CW tones	2 x 20 W CW tones

Block Diagram



Environmental Specifications

Operating Temperature $-40 \, ^{\circ}\text{C} \text{ to } +65 \, ^{\circ}\text{C} \, (-40 \, ^{\circ}\text{F to } +149 \, ^{\circ}\text{F})$

Corrosion Test Method IEC 60068-2-11, 30 days
Ingress Protection Test Method IEC 60529:2001, IP67

Packaging and Weights

Included Mounting hardware

Volume 6.4 L

Weight, net 5.5 kg | 12.125 lb

