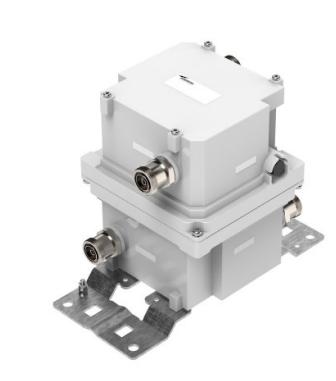


E15V86P66



Interference Mitigation Filter for band 385 - 400 MHz band with rejection 30dB in 391-392 MHz band

Product Classification

Product Type Interference mitigation filter

General Specifications

Color Gray

Modularity 2-Twin

Mounting Pipe Hardware Band clamps (2)

RF Connector Interface 7-16 DIN Female

RF Connector Interface Body Style Long neck

Dimensions

Height 159.5 mm | 6.28 in

Width 173 mm | 6.811 in

Depth 210 mm | 8.268 in

Mounting Pipe Diameter Range 43–122 mm

Electrical Specifications

Impedance 50 ohm

Electrical Specifications, dc Power/Alarm

Lightning Surge Current 10 kA

Lightning Surge Current Waveform 8/20 waveform

Electrical Specifications

Sub-module	1 2	1 2
Branch	1	1

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License Band	IMT 2600, Band Pass	IMT 2600, Band Pass
Electrical Specifications, Band Pass		
Frequency Range, MHz	385–390	395–400
Insertion Loss, maximum, dB	1.3	0.5
Insertion Loss, typical, dB	0.75	0.35
Return Loss, minimum, dB	18	18
Return Loss, typical, dB	20	20
Input Power, RMS, maximum, W		20
Input Power, PEP, maximum, W		200
3rd Order PIM, maximum, dBc		-153
3rd Order PIM Test Method		Two +43 dBm carriers
Electrical Specifications, Band Reject		
Frequency Range, MHz		391–392
Attenuation, minimum, dB		30
Environmental Specifications		
Operating Temperature	-40 °C to +65 °C (-40 °F to +149 °F)	
Relative Humidity	Up to 100%	
Ingress Protection Test Method	IEC 60529:2001, IP67	
Packaging and Weights		
Included	Mounting hardware	
Volume	5.8 L	
Weight, without mounting hardware	4.5 kg 9.921 lb	