

# Public Safety/Commercial systems Co-Location Filters

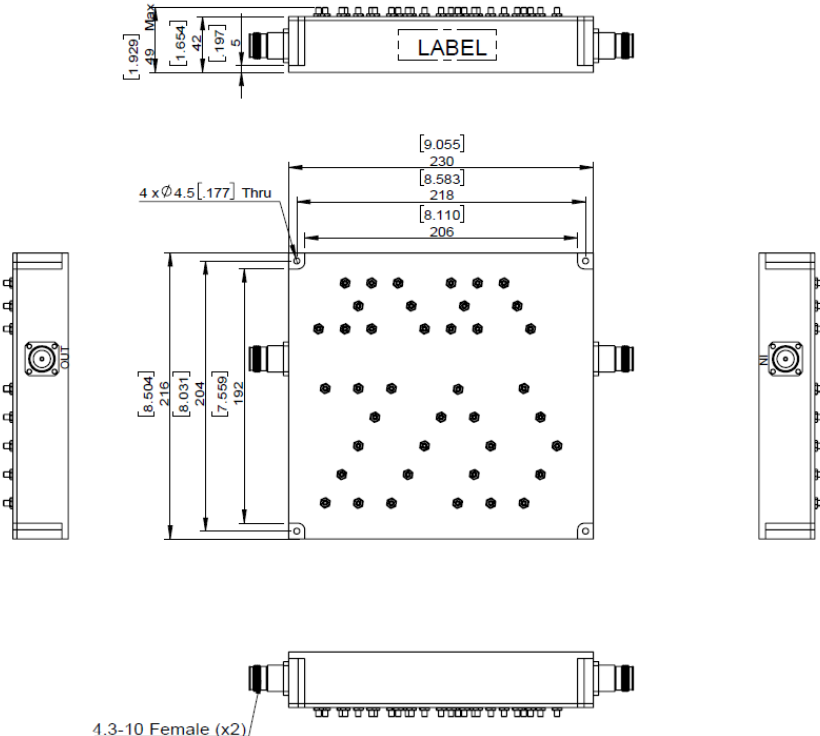
Protect commercial systems' uplink from out band interferences from public safety systems

## FP-A-OMD1 / FP-C-OMD1

For commercial systems with single band outputs

<i>Specification</i>		
Part Number	FP-A-OMD1	FP-C-OMD1
Passband (MHz)	698 - 756, 777 - 787	817 - 849, 862- 894
Insertion Loss (dB)	4 Max	4 Max
Rejection (dBc)	55Min@758 - 775MHz 30Min@788 - 816MHz	55Min@851 - 860MHz 30Min@788 - 816MHz
Return Loss (dB)	18	18
PIM	-153dbc@2 x 20W	-153dbc@2 x 20W
Avg./Max. Power (W)	60 avg, 600 peak	60 avg, 600 peak
Temperature (DegC)	-20 to +60	-20 to +60
Connector	4.3-10 Female	4.3-10 Female
Dimension (in)	8.5 x 9.1	8.5 x 9.1
Weight (lb.)	TBD	TBD
Environment	Outdoor	Outdoor
Impedance (ohm)	50	50

### Outline Drawing

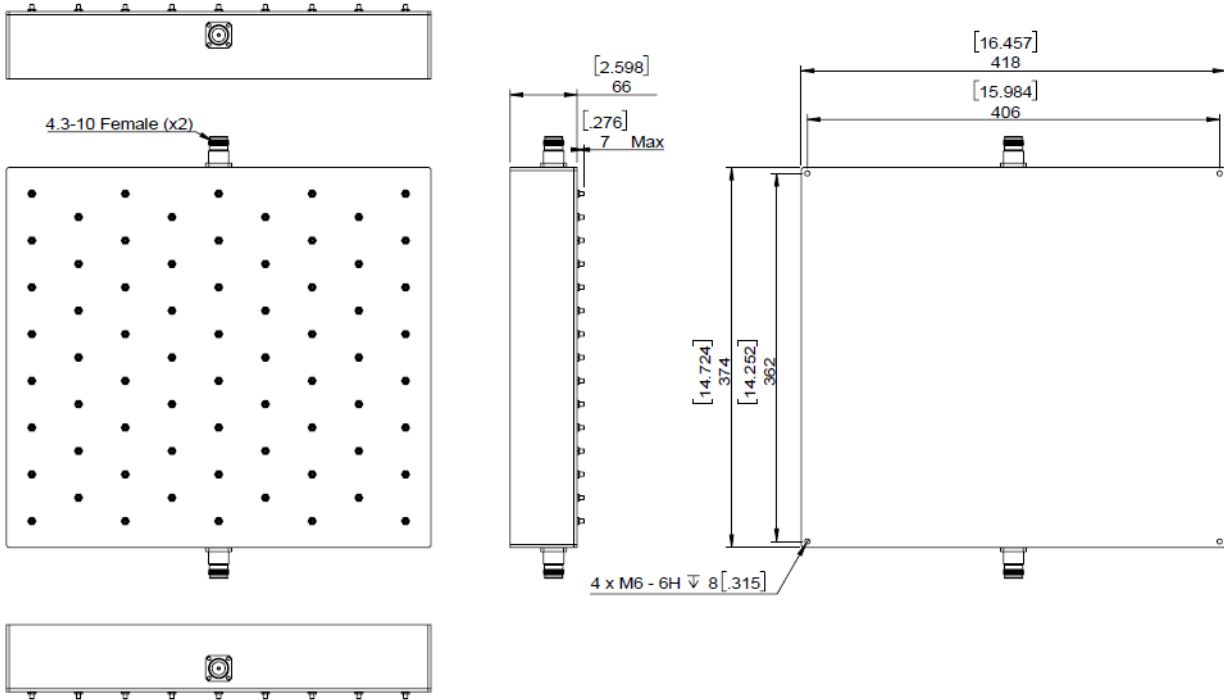


**FP-ACJ-IMD1**

For commercial systems with combined outputs

<i>Specification</i>					
Part Number	FP-ACJ-IMD1				
Passband (MHz)	698 - 756	777 - 787	817 - 849	862 - 894	1710 - 2690
Insertion Loss (dB)	4 Max	4 Max	4 Max	4 Max	1 Max
Rejection (dBc)	55 Min@758~775MHz 30 Min@788~816MHz 55 Min@851~860MHz				
Return Loss (dB)	18				
PIM	-153dbc@2 x 20W				
Avg./Max. Power (W)	50 avg, 500 peak				
Temperature (DegC)	-20 to +40				
Connector	4.3-10 Female				
Dimension (in)	14.8 x 16.5				
Weight (lb.)	TBD				
Environment	Indoor				
Impedance (ohm)	50				

*Outline Drawing*



*Part Numbers*

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<b>Part Numbers</b>	<b>Descriptions</b>
<b>FP-A-OMD1</b>	700MHz Lower ABC / Upper C filter, rejects out band interference from public safety 700MHz, 4.3 - 10, outdoor
<b>FP-C-OMD1</b>	800/850MHz filter, rejects out band interference from public safety 800MHz, 4.3 - 10, outdoor
<b>FP-ACJ-IMD1</b>	700MHz Lower ABC / Upper C, 800/850MHz, 1900MHz, EAWS, 2.3GHz, 2.5GHz filter, rejects out band interference from public safety 700/800MHz, 4.3 - 10, indoor