

# PS 700/800MHz Band Pass Filter

## FP-78-IN2

### Descriptions

- Passes PS 700MHz and PS 800MHz (769-775MHz, 799-816MHz, 851-861MHz)
- Reject 700 Upper C, LTE Band 14 downlink interference to Public Safety In-Building network
- Reject ESMR, 850MHz downlink interference to Public Safety In-Building network
- Improve Public Safety Equipment output to protect 700 Upper C, LTE Band 14 uplink
- Improve Public Safety Equipment output to protect ESMR, 850MHz uplink

<i>Electrical Specification</i>	
Pass Band (MHz)	769-775, 799-816, 851-861
Insertion Loss (dB)	4.0 5.0 (Over Temperature)
Rejection (dBc)	55 @ 0 - 767MHz 30 @ 777 - 797MHz 30 @ 818 - 849MHz 45 @ 863 - 2200MHz
Return Loss (dB)	≥ 18
Input Power Per Port, max (W)	50
Impedance (ohm)	50

<i>Mechanical &amp; Environment Specification</i>	
Dimension (in)	8.9 x 9.5 (without Connector)
Weight (lb)	4.0
Connector	N-F
Operating Temperature (°F)	-40 to +167
Environment	Indoor
RoHS	Compliant

### Outline Drawing

