

PS 700/800MHz Band Pass Filter

FP-78-IN1

Improves 700MHz Commercial, Band 14, ESMR, 850MHz Downlink Interference to Public Safety system

Descriptions

- Passes PS 700MHz and PS 800MHz (769-775MHz, 799-816MHz, 851-861MHz)
- 55dBc rejection on DC to 700MHz Band 14 downlink (0-767MHz)
- 45dBc rejection on ESMR 800MHz downlink to 2200MHz (862-2200MHz)

<i>Electrical Specification</i>	
Pass Band (MHz)	769-775, 799-816, 851-861
Insertion Loss (dB)	4.0 5.0 (Over Temperature)
Rejection (dBc)	55dBc @ 0-767MHz 45dBc @ 862-2200MHz
Return Loss (dB)	≥ 18
Input Power Per Port, max (W)	50
Impedance (ohm)	50

<i>Mechanical & Environment Specification</i>	
Dimension (in)	7.7 x 9.1 (without Connector)
Weight (lb)	5.0
Connector	N-F
Operating Temperature (°F)	-40 to +167
Environment	Indoor
RoHS	Compliant

Outline Drawing

