

### Features

- Low Insertion Loss
- High Attenuation
- Low PIM
- Compact Size

### Descriptions

4.3-10 connector mount 4T4R cavity bandpass harmonic filter developed for WCS band 30 low PIM applications.

### Electrical Specifications

Parameter	Unit	Specification
Center Frequency (Fc)	MHz	2332.5
Passband Frequency Range	MHz	2305 ~ 2360
Insertion Loss	dB	0.5 max
Return Loss in Passband	dB	20 min
Group Delay	nS	20 max
Rejection	dB	55 min @ 4700 ~ 4720 MHz
In / Out Impedance	Ohms	50
Power Handling	W	150 CW max
IMD in RX band, COM port, 2 times 43dBm each	dBc	-163 typ., -160 max
DC/AISG Transparency	-	All Port DC Impedance DC Pass
Dimensions	mm	174 x 148 x 45 (L x W x H)
Finish	-	Powder Coating, Grey
Weight	kg	3.5 max
Connectors	-	4.3-10 Female all ports
Mounting option	-	Wall or Pipe any orientation
Ground Screw	-	M6
Operating Temperature Range	°C	-20 ~ +65
Climatic Class	-	NEBS GR-63-CORE
Wind Speed	-	67m/s
IP Class	-	IP67 Outdoor
Lightening Protection All Ports	-	+/-5 kA, 10/350 $\mu$ s
EMC/EMI	-	NEBS GR-1089-CORE and EN55022
Safety	-	EN60950
Corrosion Resistance	-	14 days salt fog according to IEC60068 2-11 Test

## Mechanical Dimensions

