

## Cavity Band Rejection Filter Preliminary Specifications

Serial	Parameters	
1	Stop Band Center Frequency	1575.42MHz
2	Stop Band Frequency	$\pm 10$ MHz (1565.42 ~ 1585.42MHz)
3	Stop Band Attenuation	$\geq 40$ dB
4	Pass Band Frequency	DC ~ 1540.42MHz , 1610.42 ~ 4500MHz
5	Pass Band Insertion Loss	$\leq 1.0$ dB (at the corner: 1.5dB Max.)
6	Pass Band Return Loss	$\geq 15$ dB
7	Impedance	50 Ohms
8	Power Handling	CW: 50W Max. / Peak: 100W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-20°C ~ +60°C
12	Dimensions	245*54*22mm
13	Net weight	TBD
14	Configuration	As below (Tolerance: $\pm 0.5$ mm)



