

10.5-40GHz High Pass Filter

Preliminary Specifications

Serial	Parameters	
1	Cut Off Frequency	10.5GHz
2	Pass Band Frequency	10.5~40GHz
3	Pass Band Insertion Loss	$\leq 2.0\text{dB}$ @ 10.5~11.3GHz $\leq 1.0\text{dB}$ @ 11.3~40GHz
4	Pass Band VSWR	$\leq 1.6:1$ @ 10.5~20GHz $\leq 1.8:1$ @ 20~40GHz
5	Stop Band Attenuation	$\geq 50\text{dB}$ @ DC~8.5GHz
6	Impedance	50 ohms
7	Power	$\leq 15\text{W}$
8	Connectors	2.92mm-Female
9	Surface Finish	Guided Oxygen or Black Paint
10	Temperature Range	-55°C ~ +85°C
11	Net weight	TBD
12	Configuration	As Below (Size Unit: mm)

