

**Rubber Flat Narrowband Absorber**

**ABS LPRFA-T**

**Characteristics**

Applied frequency:1-40GHz

Thickness:determined by the resonance frequency(application center frequency)

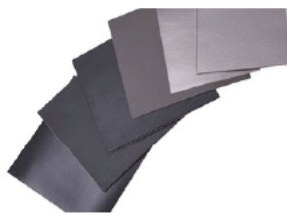
Heat resistance characteristics: -50°C-150°C

Environment applied: Can be applied to any bad environment

Power resistance:above 2kW.m-2

Absorbing performanc: resonance absorption attenuation≤-18dB

Applications: LPRFA-T is suitable to where need wafer and no need of broadband, it should have metal bottom and closely paste when use. It is mainly used for reflection of metal components in radome and liners of radar house, to suppress electromagnetic interference , etc.

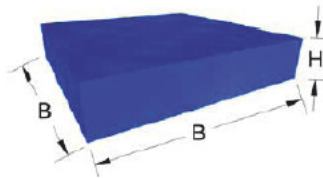


Model	Resonant frequency GHz	Thickness (mm)	Weight (Kg/m2)	Vertical incidence reflectivity – dB
Patron-ABS-LPRFA-T40	40	0,7	2	18
Patron-ABS-LPRFA-T15	15	1,3	3,5	18
Patron-ABS-LPRFA-T10	10	1,8	5,2	18
Patron-ABS-LPRFA-T7	7	2,5	7	18
Patron-ABS-LPRFA-T5	5	3	8	18
Patron-ABS-LPRFA-T2	2	6,8	17	18

**PU Faom Based Flat Absorber**

**ABS LPPFA-T**

**Characteristics**



1) Such absorbers have a flat appearance, with black color (it can be selected as request), it is clean and soft.

2) Oxygen index ≥29% (GB/T2406-93), which belongs to flame retardant B2 level (GB8624-1997)

3) Good environmental performance, all raw materials can meet the environmental requirements,no volatile, no smell and non-toxic.

4) Installation method: Direct adhesive paste and the absorbers with self-adhesive tape can be also offered.

5) Working temperature: -60oC~90oC relative humidity: 55%±15%

Frequency range: 1GHz~18GH

Model	Unit size BxBxH (mmxmmxmm)	Standard weight (Kg/m2)	Carton size (mmxmmxmm)	Qty per ctn (pcs)
Patron ABS LPPFA T5	600×600×5	0,3	1280×605×605	256
Patron ABS LPPFA T10	600×600×10	0,5	1280×605×605	128
Patron ABS LPPFA T20	600×600×20	0,6	1280×605×605	64
Patron ABS LPPFA T50	600×600×50	1,5	1280×605×605	26
Patron ABS LPPFA T100	600×600×100	3	1280×605×605	13
Patron ABS LPPFA TW40	600×600×40	1,5	1280×605×605	32

Model	Reflectivity (-dB@GHz)					
	1	3	6	10	18	40
Patron-ABS-LPPFA-T5				5	10	15
Patron-ABS-LPPFA-T10			10	15	15	18
Patron-ABS-LPPFA-T20		10	15	17	17	20
Patron-ABS-LPPFA-T50	10	18	18	19	19	20
Patron-ABS-LPPFA-T100	15	19	19	20	20	22
Patron-ABS-LPPFA-TW40	18	20	20	20	20	23