

WAVASORB[®] VHP

Advanced Broadband Pyramidal Absorber



Typical reflectivity performance at normal incidence

WAVASORB® VHP is manufactured in well-defined batches and their reflectivity and fire-retardant properties are continuously monitored following internal ISO 9001 procedure.

TYPICAL REFLECTIVITY (dB)												
	100 MHz	160 MHz	200 MHz	300 MHz	450 MHz	800 MHz	1 GHz	3 GHz	6 GHz	12-18 GHz	18-40 GHz	40-110 GHz*
WAVASORB® VHP-2								-20 dB	-25 dB	-40 dB	-45 dB	-55 dB
WAVASORB® VHP-4							-18 dB	-32 dB	-45 dB	-50 dB	-55 dB	-55 dB
WAVASORB® VHP-8						-20 dB	-30 dB	-40 dB	-50 dB	-50 dB	-55 dB	-55 dB
WAVASORB® VHP-12					-20 dB	-30 dB	-35 dB	-45 dB	-50 dB	-50 dB	-55 dB	-55 dB
WAVASORB® VHP-18				-20 dB	-30 dB	-35 dB	-40 dB	-50 dB	-50 dB	-50 dB	-55 dB	-55 dB
WAVASORB® VHP-26			-20 dB	-25 dB	-32 dB	-40 dB	-45 dB	-50 dB	-50 dB	-50 dB	-55 dB	-55 dB
WAVASORB® VHP-36		-20 dB	-25 dB	-30 dB	-40 dB	-45 dB	-50 dB	-50 dB	-50 dB	-50 dB	-55 dB	-55 dB
WAVASORB® VHP-45	-20 dB	-22 dB	-25 dB	-35 dB	-40 dB	-45 dB	-50 dB	-50 dB	-50 dB	-50 dB	-55 dB	-55 dB

* Measurements results as of 110 GHz available at request

Physical properties

	Standard color ⁽¹⁾	Standard footprint ⁽²⁾	Total height ⁽¹⁾ (cm)	Nominal weight ⁽²⁾ (kg)	Number of pyramids per piece
WAVASORB® VHP	Light blue	61 cm x 61 cm			
WAVASORB® VHP-2			5,6	1,3	1.024
WAVASORB® VHP-4			10,2	1,7	256
WAVASORB® VHP-8			20,3	2,5	81
WAVASORB® VHP-12			30,5	3,1	36
WAVASORB® VHP-18			45,7	4,1	16
WAVASORB® VHP-26			66,1	6,3	9
WAVASORB® VHP-36			91,4	9	4
WAVASORB® VHP-45			114,0	10,5	4

⁽¹⁾ Contrast colours available on request / black tips as of 18-inch absorbers

⁽²⁾ The above-mentioned dimensions have a tolerance of +/-6 mm

⁽¹⁾ The above-mentioned dimensions have a tolerance of +/-6 mm

⁽²⁾ Weight values are subject to changes



Discover the full datasheet

Specifications subject to changes without notice. ECAC 03/2024

