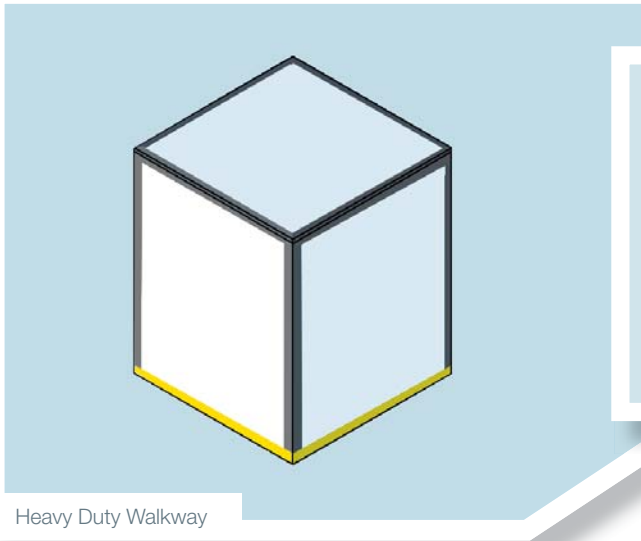


# Heavy Duty Walkway Absorbers - AEWW HD Series



## Applications:

- In-chamber access to devices and antennas under test and support equipment
- High-traffic areas that are subject to heavier wear due to equipment loading and unloading

## Key features:

- Excellent high load bearing and wear characteristics

## Shape:

- Flat
- Step

## Frequency band:

- From 250 MHz to 30 GHz

## Standard base size:

- 2' x 2' (60.96 cm x 60.96 cm)

## Height:

- Absorber: 4" to 24" (10.2 cm to 61 cm)

## Operating conditions:

- Temperature: 70° F +/- 10° (21° C +/- 3°)
- Relative humidity: 55 % RH +/- 15 %

## Indoor/outdoor:

- Indoor

## Related certifications:

- NRL 8093 – 1, 2, 3

## Ordering code:

- AEW-XX-Y, where XX designates internal absorber height in inches and Y designates panel width in feet

## 1/ Description

The Heavy Duty Walkway Absorber provides a path to transmit and receive areas that will support heavier loads by incorporating a high strength, load bearing grid into the walkway. This grid enables the walkway to support much heavier loads than standard walkway. Custom sizes and shapes can also be provided, including much larger sizes than standard walkway.

## 2/ Specifications

		AEWW-4-HD	AEWW-8-HD	AEWW-12--HD	AEWW-18-HD	AEWW-24-HD
<b>Height</b>	<b>in</b>	4	8	12	18	24
	<b>cm</b>	10.2	20.3	30.5	45.7	61
<b>Size</b>	<b>in</b>	24 x 24 x 5.5	24 x 24 x 9.5	24 x 24 x 14.5	24 x 24 x 21.5	24 x 24 x 29.5
	<b>cm</b>	61 x 61 x 14	61 x 61 x 24.1	61 x 61 x 36.8	61 x 61 x 54.6	61 x 61 x 74.9
<b>Absorption @ Normal Incidence</b>	<b>@ 250 MHz</b>					20
	<b>@ 500 MHz</b>				20	25
	<b>@ 1.0 GHz</b>		20	20	25	30
	<b>@ 3.0 GHz</b>	20	27	30	30	35
	<b>@ 6.0 GHz</b>	25	35	35	35	40
	<b>@ 10.0 GHz</b>	30	40	40	40	40
	<b>@ 15.0 GHz</b>	35	40	40	40	40
	<b>@ 30.0 GHz</b>	40	40	40	40	40
<b>Power</b>	<b>Watt/in<sup>2</sup></b>	0.5	0.5	0.5	0.5	0.5
	<b>Watt/m<sup>2</sup></b>	775	775	775	775	775
<b>Approx. Weight</b>	<b>lbs/pc.</b>	7.5	11	15	24	30
	<b>kg/pc.</b>	3.4	5	6.8	10.9	13.6
<b>Load capacity</b>	<b>lbs</b>	600	600	600	800	800
	<b>kg</b>	272.2	272.2	272.2	362.9	362.9

AEWW-24-HD mechanical drawing

