



Pyramidal Horn Antenna

Pyramidal horn antenna with the surface finish from Alodine 2040. H-A33-W20 pyramidal horn antenna is made with precision and care with the latest technology to deliver accurate and reliable antenna measurements. The operating frequency is from 22 GHz up to 33 GHz with a flat Gain of 20 dBi. The H-A33-W20 can be supplemented with a corresponding Waveguide to Coax Adapter.

Features and Specifications



Technical Performance

- Wide bandwidth
- Low return loss



Design and Surface Treatment

- Corrosion-resistant coating



Manufacturing Technology

- Manufactured using a high grade aluminum alloy
- Extremely durable



Product Packaging Includes

- Antenna

Product Parameters

PRODUCT IDENTIFICATION

Product Name	H-A33-W20
Product Category	Pyramidal Horn Antenna

ELECTRICAL SPECIFICATIONS

Frequency Range	22 GHz – 33 GHz
VSWR (max.)	1.14
VSWR (avg.)	1.1
Waveguide Size	WR34
Waveguide Flange	UG-1530/U

PHYSICAL SPECIFICATIONS

Width	62 mm (2.441 in)
Height	100 mm (3.937 in)
Depth	45 mm (1.772 in)
Weight	0.105 kg (0.231 lb)

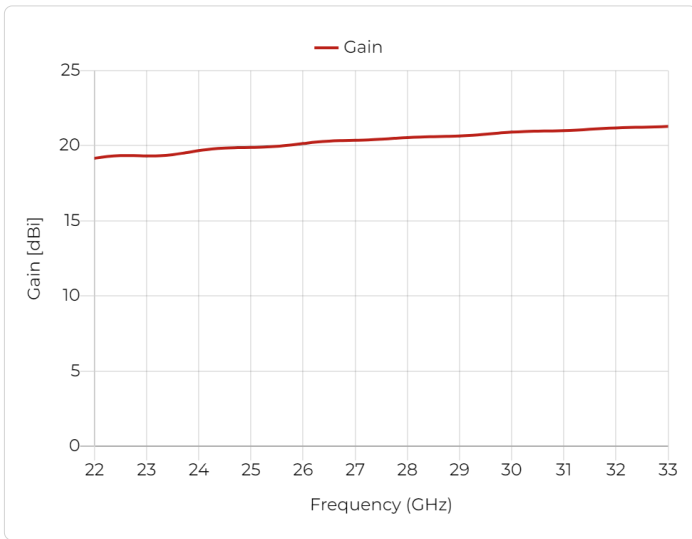
OPERATING CONDITIONS

Rated Temperature Range	0°C – +50°C
Storage Temperature Range	-20°C – +70°C

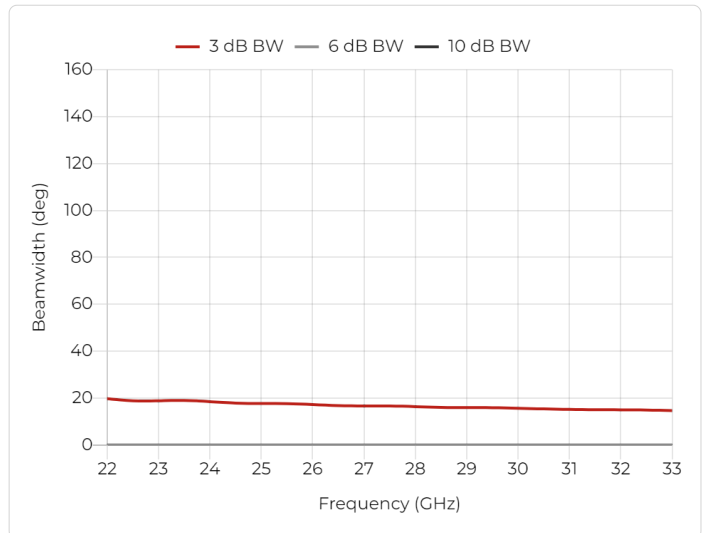
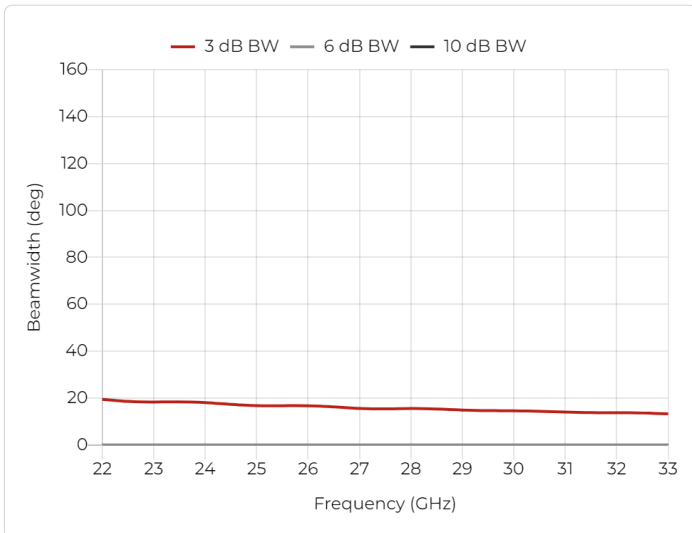
Parameters and Performance

Typical parameters

Gain



Beamwidth



Packaging and Accessories

What's in a box

- H-A33-W20 Antenna

Accessories

- Standard mounting flange

Manufacturer Information

About Datasheet

Product information available also online at
<https://www.rfspin.com/product/h-a33-w20/>

Data and specifications subject to change without notice.

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