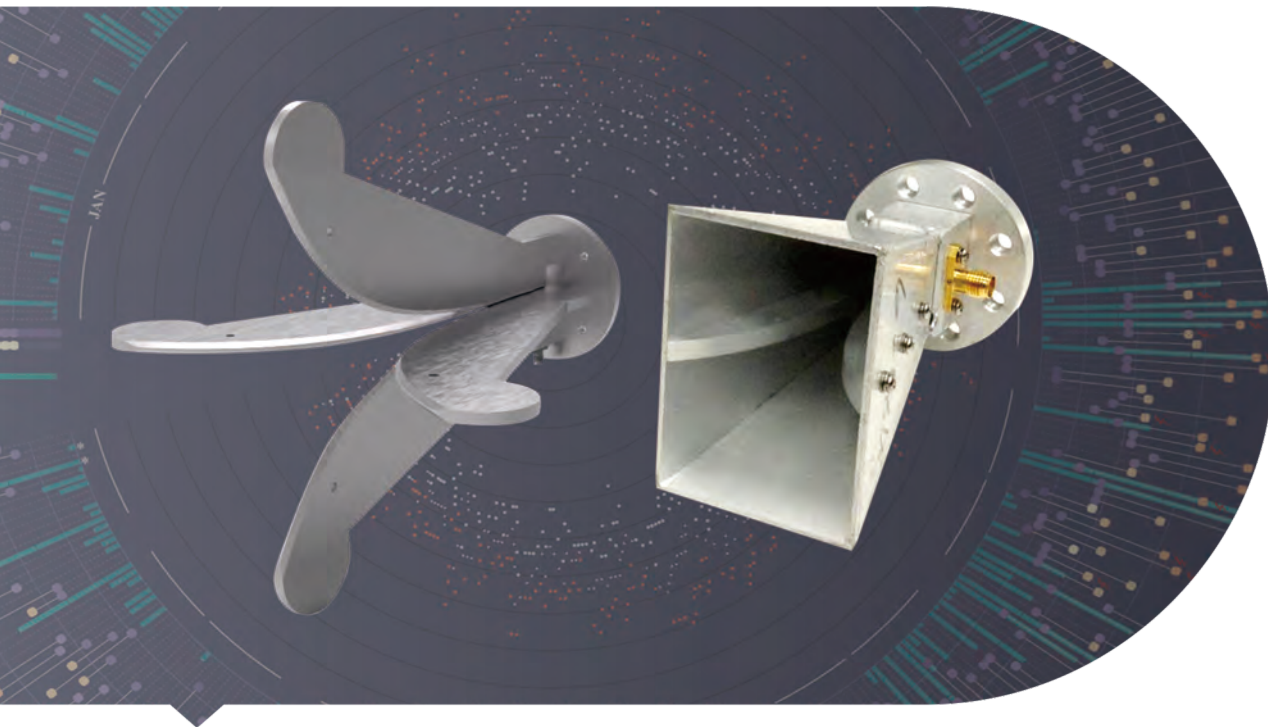


# DOUBLE RIDGED WAVEGUIDE HORN ANTENNAS



## → Features

- Waveguide size: WRD84 to WRD180
- Gain: 10dB, 15dB, 20dB, 25dB
- Freq. Range: 0.3-45 GHz
- Input: Waveguide or coaxial
- Connector: N, TNC, 7-16, SMA, 2.92, 2.4, 3.5(F/M)
- Power handling: 700W CW
- Flange: Cover and Grooved
- Polarization: Single or dual Pol.

## → Description

Dolph Microwave Double ridged waveguide horn antenna is broadband antenna with high gain and low return loss. Connector available in SMA, N-type and 2.92mm connector. Flange can be done as cover and grooved. Both standard and customized can be chosen.

Model	Frequency (Ghz)	VSWR Max.	Gain (dB)	Beam Width (degree)	Polarization
DH-0.3T2DRHA4...	0.3-2.0	2.0	4.0-15.5	35-55	VLP/HLP
DH-0.4T4DRHA6...	0.4-4.0	2.0	6.0-17.0	35-55	VLP/HLP
DH-0.4T6DRHA7...	0.4-6.0	2.0	7.0	20-40	VLP/HLP
DH-0.7T18DRHA1.4...	0.7-18.0	2.0	1.4-15	30-48	VLP/HLP
DH-0.8T8DRHA6...	0.8-8.0	2.0	6.0-15.0	15-70	VLP/HLP
DH-0.8T18DRHA8...	0.8-18.0	2.0	8.0-15.0	15-70	VLP/HLP
DH-0.8T18DRHA3.7...	0.8-18.0	2.0	3.5-14.5	35-55	VLP/HLP
DH-1T2DRHA10...	1.0-2.0	2.0	10.0-15.0	35-55	VLP/HLP
DH-1T4DRHA5.5...	1.0-4.0	2.0	5.5-12.0	35-55	VLP/HLP
DH-1T12DRHA6...	1.0-12.0	2.0	6-13	15-55	VLP/HLP
DH-1T12DRHA10...	1.0-12.0	2.0	10.0-15.0	35-55	VLP/HLP
DH-1T18DRHA8...	1.0-18.0	2.0	8.0-18.0	35-55	VLP/HLP
DH-1T18DRHA8.2...	1.0-18.0	2.0	8.2-14.6	23-70	VLP/HLP
DH-1T20DRHA7...	1.0-20.0	2.0	7.0-15.0	11-80	VLP/HLP
DH-1T20DRHA7...	1.0-20.0	2.0	7.0-15.0	11-80	VLP/HLP
DH-2T4DRHA11...	2.0-4.0	2.0	11.0-14.5	15-55	VLP/HLP
DH-2.5T5DRHA10...	2.5-5.0	2.0	10.3-13.5	15-55	VLP/HLP
DH-2T7DRHA9...	2.0-7.0	2.0	9.0-14.0	15-55	VLP/HLP
DH-2T8DRHA10...	2.0-8.0	2.0	10.0	15-55	VLP/HLP
DH-2T8DRHA12...	2.0-8.0	2.0	12	15-55	VLP/HLP
DH-2T10DRHA4...	2.0-10.0	2.0	4.0-10.0	15-55	VLP/HLP
DH-2T18DRHA6...	2.0-18.0	2.0	6-20	15-55	VLP/HLP
DH-180DRSGAH15...	18.0-40.0	1.25	15	30	VLP/HLP
DH-180DRSGA20...	18.0-40.0	1.5	20	15-55	VLP/HLP
DH-22T40DRHA10...	22.0-40.0	2.0	10-15	17-44	VLP/HLP
DH-23T30DRHA10...	22.0-30.0	1.5	10-23	17-44	VLP/HLP
DH-28T45SGAH17...	28.0-45.0	1.2	17-21	10-17	VLP/HLP

Cross Polarization(dB)	ConnectorType	Size(mm)	Body Finish	Material
30	N-Female	528*555*355	Anticorrosion White Painted	Al
30	N-Female	448*440*285	Anticorrosion White Painted	Al
30	N-Female	448*440*285	Anticorrosion White Painted	Al
30	N-Female	234*241*160	Anticorrosion White Painted	Al

## Ordering Information

### DH - 2T18 DRHA 6.5 N K A

DH	Dolph Microwave
2T18	Freq. Range, 2-18GHz
DRHA	Wide-band Horn Antenna
6.5	6.5 dBi Gain min.
N	Connector Type
K	Female
A	Material Al