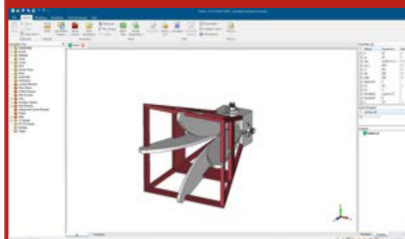


RF SPIN

Broadband Antenna Experts



SOFTWARE
SIMULATION



PRECISE
MANUFACTURING



MEASUREMENT OF
EACH ANTENNA



LUXURY
PACKING

4TECT

ООО «4TECT»

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2021



DUAL POLARIZED BROADBAND ANTENNAS



One of a kind, the QRH67, combines maximum frequency with an ultra-wideband for modern RF laboratories which specialize in research and development of new wireless technologies.

QRH67E

6 GHz - 67 GHz
 VSWR < 2.4
 Gain 3 - 14 dBi
 Power (CW/Peak)
 5 W / 10 W
 2 × 1.85 mm female

Applications

EMC, Automotive, Radio Monitoring,
 Electronics, Government/Defense,
 Medical, 5G



QRH50E

5 GHz - 50 GHz
 VSWR < 2.5
 Gain 4 - 14 dBi
 Power (CW/Peak)
 5 W / 10 W
 2 × 2.40 mm female



QRH40

4 GHz - 40 GHz
 VSWR < 2.4
 Gain 6 - 16 dBi
 Power (CW/Peak)
 10 W / 20 W
 2 × K female



QRH20E

1.7 GHz - 20 GHz
 VSWR < 2.4
 Gain 5 - 15.5 dBi
 Power (CW/Peak)
 20 W / 40 W
 2 × SMA female



QRH18

1 GHz - 18 GHz
 VSWR < 2.5
 Gain 5 - 16 dBi
 Power (CW/Peak)
 100 W / 170 W
 2 × SMA female



QRH11

730 MHz - 11 GHz
 VSWR < 2.4
 Gain 3 - 15.5 dBi
 Power (CW/Peak)
 100 W / 170 W
 2 × SMA female



QRH400

400 MHz - 6 GHz
 VSWR < 2.3
 Gain 4 - 15 dBi
 Power (CW/Peak)
 200 W / 350 W
 2 × N female



QRH300

300 MHz - 4.5 GHz
 VSWR < 2.2
 Gain 2 - 15 dBi
 Power (CW/Peak)
 400 W / 750 W
 2 × N female

SINGLE POLARIZED BROADBAND ANTENNAS

5G



DRH110

14 GHz - 110 GHz
 VSWR < 2.1
 Gain 6.5 - 18.5 dBi
 Power (CW/Peak)
 4 W / 8 W
 1.0 mm female

5G



DRH67

6 GHz - 67 GHz
 VSWR < 1.9
 Gain 7 - 21.5 dBi
 Power (CW/Peak)
 5 W / 10 W
 1.85 mm female

5G



DRH50

4.5 GHz - 50 GHz
 VSWR < 1.55
 Gain 6 - 20.5 dBi
 Power (CW/Peak)
 10 W / 20 W
 2.40 mm female

5G



DRH40

4 GHz - 40 GHz
 VSWR < 1.6
 Gain 7 - 19.5 dBi
 Power (CW/Peak)
 15 W / 30 W
 K female

5G



NEW

DRH30

2.5 GHz - 30 GHz
 VSWR < 1.55
 Gain 6 - 20 dBi
 Power (CW/Peak)
 25 W / 50 W
 K female



DRH20E

1.6 GHz - 20 GHz
 VSWR < 1.5
 Gain 5 - 17 dBi
 Power (CW/Peak)
 50 W / 100 W
 SMA female



DRH18-E

1 GHz - 18 GHz
 VSWR < 2.2
 Gain 6 - 15 dBi
 Power (CW/Peak)
 100 W / 170 W
 N or SMA female



DRH18-EX

800 MHz - 18 GHz
 VSWR < 2.4
 Gain 2.5 - 15 dBi
 Power (CW/Peak)
 100 W / 170 W
 N or SMA female



DRH10E

700 MHz - 10.5 GHz
 VSWR < 2.5
 Gain 3 - 16 dBi
 Power (CW/Peak)
 150 W / 250 W
 N female



DRH10

740 MHz - 10.5 GHz
 VSWR < 1.8
 Gain 4 - 17 dBi
 Power (CW/Peak)
 150 W / 250 W
 N female



DRH370

370 MHz - 6 GHz
 VSWR < 1.6
 Gain 3.5 - 16 dBi
 Power (CW/Peak)
 350 W / 500 W
 N female



DRH203

200 MHz - 3 GHz
 VSWR < 1.6
 Gain 3 - 16 dBi
 Power (CW/Peak)
 400 W / 750 W
 N female



DRH200

180 MHz - 2.2 GHz
 VSWR < 1.6
 Gain 6 - 14 dBi
 Power (CW/Peak)
 500 W / 1000 W
 N female



TEMH20

1 GHz - 22 GHz
 VSWR < 2.6
 Gain 6 - 22 dBi
 Power (CW/Peak)
 25 W / 50 W
 3.50 mm female

DOUBLE RIDGED HORN ANTENNA / WAVEGUIDE ADAPTER



DRH818

7.5 GHz - 18 GHz
VSWR < 1.18
Gain 18 - 21 dBi
1 kW / 2.5 kW
WRD750



ADRWC750

7.5 GHz - 18 GHz
VSWR < 1.25
WRD750
100 W / 170 W
N or SMA female

PYRAMIDAL HORN ANTENNAS

coming
soon

H-A30

22 GHz - 33 GHz
VSWR < 1.3
Gain 18 - 20 dBi
25 W / 50 W
K female



H-A40

26 GHz - 40 GHz
VSWR < 1.3
Gain 18 - 21 dBi
15 W / 30 W
K female



H-A50

33 GHz - 50 GHz
VSWR < 1.35
Gain 19 - 21 dBi
10 W / 20 W
2.4 female

WAVEGUIDE ADAPTERS

Low return loss, robust mechanical design, precision machined, with a high reliability top performance connector.

Frequency range: 2.6 up to 110 GHz

Waveguide type: WR284 to WR10



RF COMPONENTS & ACCESORIES

Offering many different RF components and accessories, such as mobile antenna stands, phase paired cables, hybrid couplers, fixtures, and more...



STANDARD GAIN HORN

Providing a whole series of standard gain horn antennas from WR90 (8.2 GHz) up to WR8 (140 GHz) with two different surface finishes, Alodine 2040 or gold plated. The standard gain is 10, 15, 20 and 25dB.

Waveguide size	WR90	WR8		
Frequency coverage	8.2 GHz	140 GHz		
Standard nominal gain	10 dBi	15 dBi	20 dBi	25 dBi
Surface finish	Gold Plated	Alodine 2040		

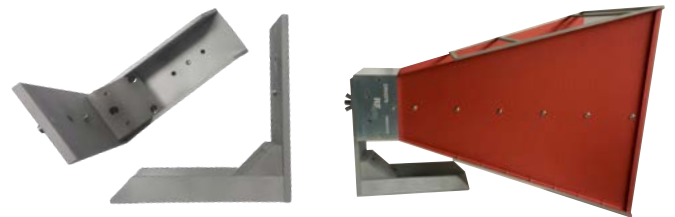


CUSTOMIZED DESIGN

Our research center is here to fulfill every wish!
Here are a few examples.

Custom made holder for DRH370

This holder is perfect for its compact size in the antenna's back while ensuring the rotation possibility.



Active Log-periodic antenna

Premium wideband UHF active receiver antenna with Log Periodic Dipole Array (LPDA) structure.



Protective waterproof box

Water-resistant trolley case. Telescopic handle with quick and safe lock/unlock system and self-oiling wheels.





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