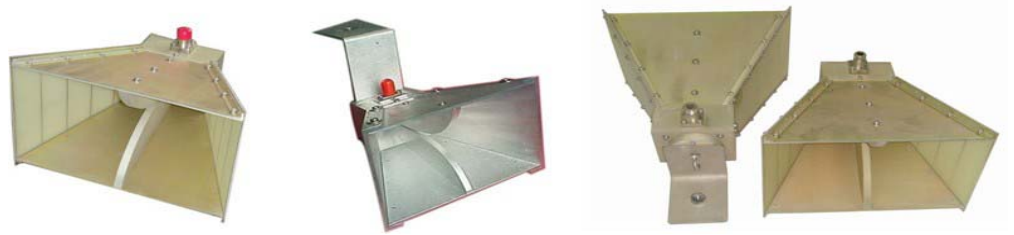
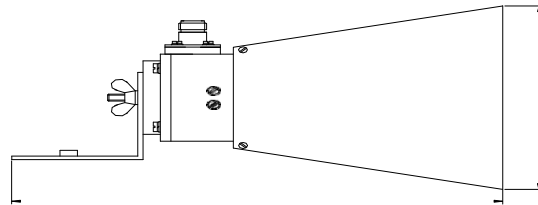


## 28 Wideband Double-ridged Horn Antenna



Vector Telecom manufactures a high quality line of dual-ridged horn antennas typically used for EMI testing, surveillance equipment, antenna gain and pattern measurement. Wideband dual-ridged horn antennas are linearly polarized with high Gain, low VSWR, lightweight, covering from 0.2GHz to 40GHz. Please contact us with your specification and discuss your needs with one of our sales engineers.



### 28.1 Wideband Double-ridged Horn Antenna

#### 【Specifications】

Model No*	Freq Range (GHz)	Gain (dB)	3dB Beamwidth	VSWR (Max)	Dimensions (mm)			Input Coax Connector Type
					L	W	H	
VT0110DRHA8N...	0.1-1	3~10	30°~80°	2.5	2250	2154	1423	SMA
VT0220DRHA8N...	0.2-2	8~13	10°~65°	2.5	960	933	780	N
VT0660DRHA10N...	0.6-6	4~15	10°~80°	2.5	415	306	221	N
VT0840DRHA7N...	0.8-4	6~14	35°~65°	2.5	290	225	155	SMA
VT1060DRHA10N...	1-6	6~13	20°~90°	2.5	158	164	114	K2.4mm
VT10180DRHA10S...	1-18	7~13	30°~80°	2.5	245	160	284	SMA
VT10180DRHA10N...	1.0-18.0	7~15	30°~80°	2.5	245	160	284	N
VT10200DRHA10S...	1-20	8~17	11°~80°	2.5	243	163	241	SMA
VT20180DRHA17S...	2-18	10~14	20°~50°	2.5	200	179	149	SMA
VT60180DRHA10S...	6-18	7~13	30°~55°	2.5	140	63	43	SMA
VT80400DRHA15K	8-40	15~20	10°~30°	2.5	105	28	23	K2.92mm
VT180400DRHA16K...	18.0 - 40.0	3~10	10°~20°	2.5	132	50	38	K2.92mm

\*Indicates Model Number. See Ordering Information for complete part number.

# 28

Wideband  
Double-ridged  
Horn Antenna



Vector Telecom Pty Ltd

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## 28.2 Mini Wideband Double-ridged Horn Antenna

Mini, high performance ultra wideband double ridged horn antenna, smaller size, suitable for EMI/RFI test, EMC measurement, wideband monitoring, material analysis, and other areas application. In the design, it does technology processing to restrain the high mode. Have the high gain and low VSWR in the wide band, so it is very ideal for receiving low power signals or transmit medium-power signal. For the requirement of the higher gain, the horn antenna can be assumed to be parabolic reflector antenna feed to get the better directional resolution and gain.



### 【Specifications】

Model No*	Freq Range (GHz)	Gain (dB)	Beam Width	Dimensions (mm)			VSWR	Connector	Material
				L	W	H			
VT20180DRHA8S	2-18	5~11	40°~80°	119	119	86	≤2.5	SMA Female	Al
VT20245DRHA8S	2-24.5	5~13	40°~80°	119	119	86	≤2.5	SMA Female	Al
VT180400DRHA8K	18-40	5~13	40°~80°	90	60	50	≤2.5	2.92 Female	Al

\*Indicates Model Number. See Ordering Information for complete part number.

### 【Ordering Information】

**Example Part No:** VT 20180 DRHA 10 N

Vector Telecom

Freq Range: 2-18GHz

Coax Connector Type: N=Type N, S=SMA, 2.92=K2.92mm

Antenna Gain: 10dB

Product Type: Double-ridged Horn Antenna

- Finish: Corrosion protection plus black top coat