

# Double Ridged Waveguide Horn – Model DRH18-E

## Electrical Specifications

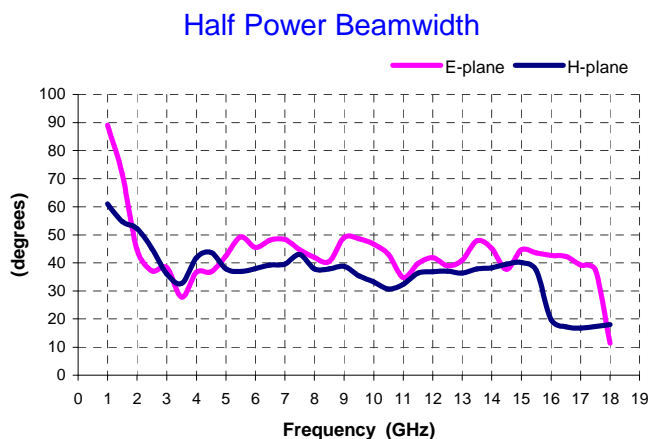
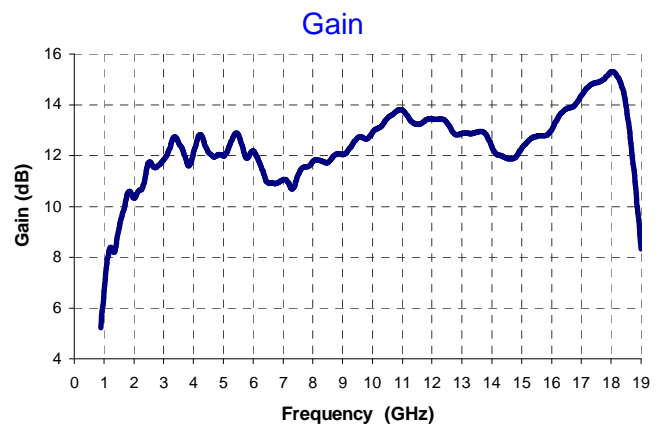
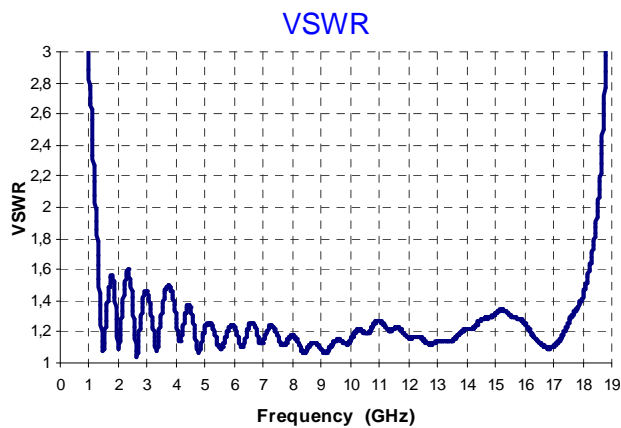
Frequency Range	1 GHz – 18 GHz
VSWR (max / AVG)	< 3:1 / 1.35:1
Impedance	50 $\Omega$
Connector	SMA <sub>female</sub> / N <sub>female</sub>
Power (CW / Peak)	50 W / 100 W

## Physical Specifications

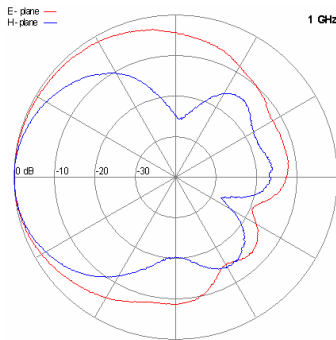
Width	243 mm (9.6 in)
Depth	200 mm (7.9 in)
Height	154 mm (6.1 in)
Weight	0.8 kg (1.8 lb)



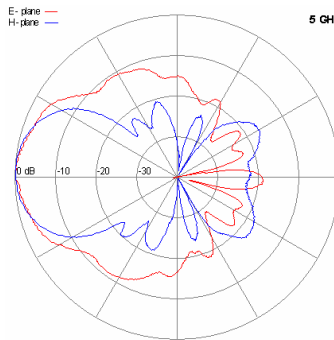
## Measured Parameters



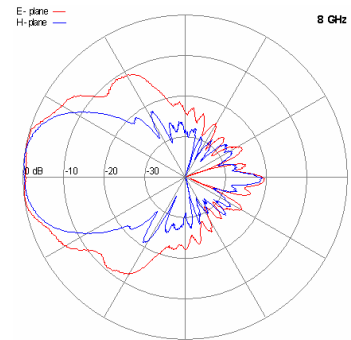
Radiation Patterns



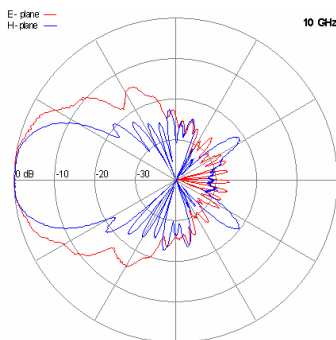
1 GHz



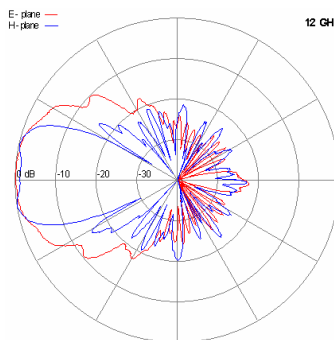
5 GHz



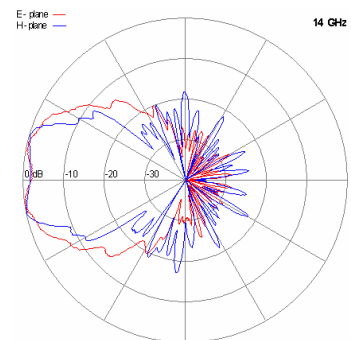
8 GHz



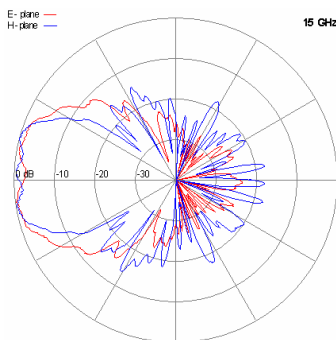
10 GHz



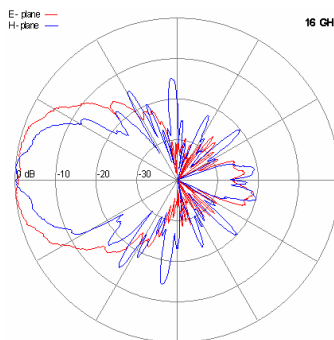
12 GHz



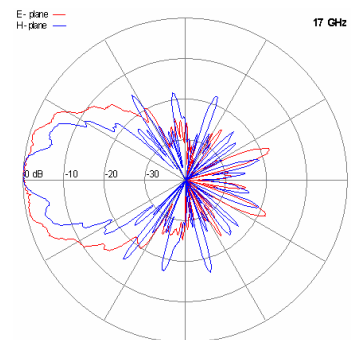
14 GHz



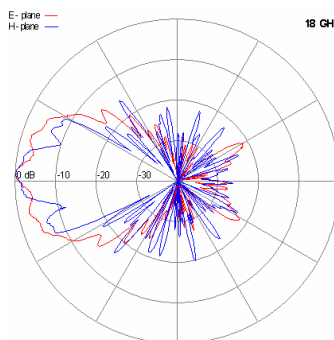
15 GHz



16 GHz



17 GHz



18 GHz