

# Double Ridged Horn Antenna Model DRH0844



Telemeter Electronic

## Electrical Specifications

Frequency Range	8 GHz – 44 GHz
VSWR (max.)	2.0
VSWR (avg.)	1.3
Impedance	50 $\Omega$
Connector	K (female)
Power (CW/Peak)	15 W / 30 W
Antenna Factor	32 – 40 dB/m
Polarization	Linear

## Physical Specifications

Width	87 mm (3.425 in)
Height	63 mm (2.480 in)
Depth	220 mm (8.661 in)
Weight	0.512 kg (1.129 lb)



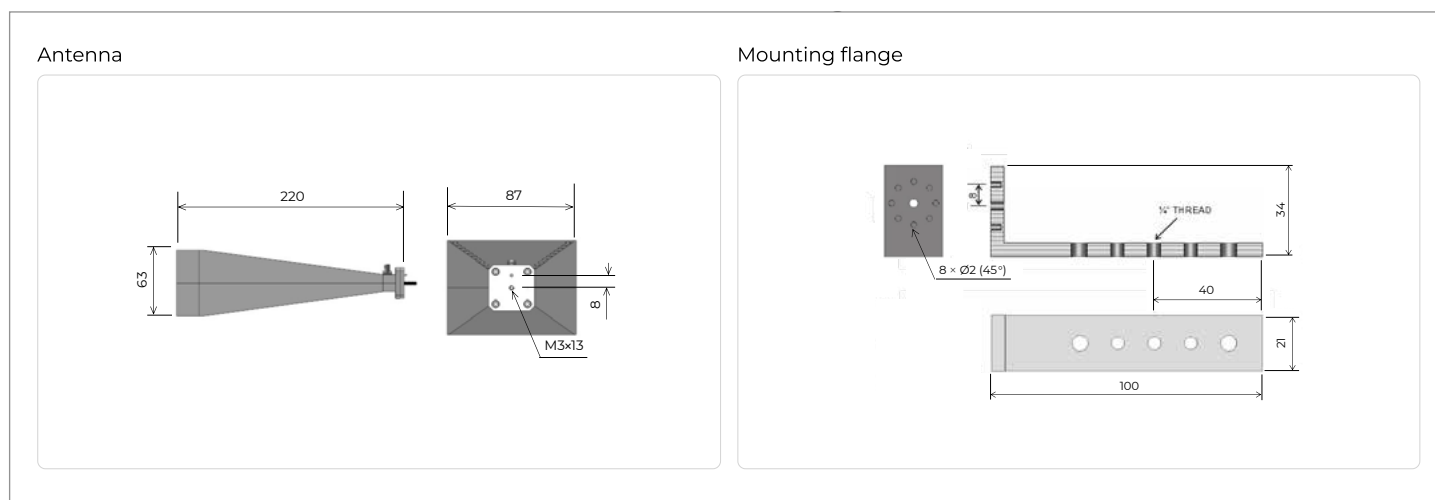
## Operating Conditions

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

## Mounting Flange

Mounting	Adapter with 1/4 inch inner thread, supplied with antenna
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## Mechanical Drawings



Deutschland  
**Telemeter Electronic GmbH**  
 Joseph-Gänsler-Str. 10, 86609 Donauwörth  
 Tel. +49 906 70693-0, Fax +49 906 70693-50  
 info@telemeter.de, www.telemeter.info

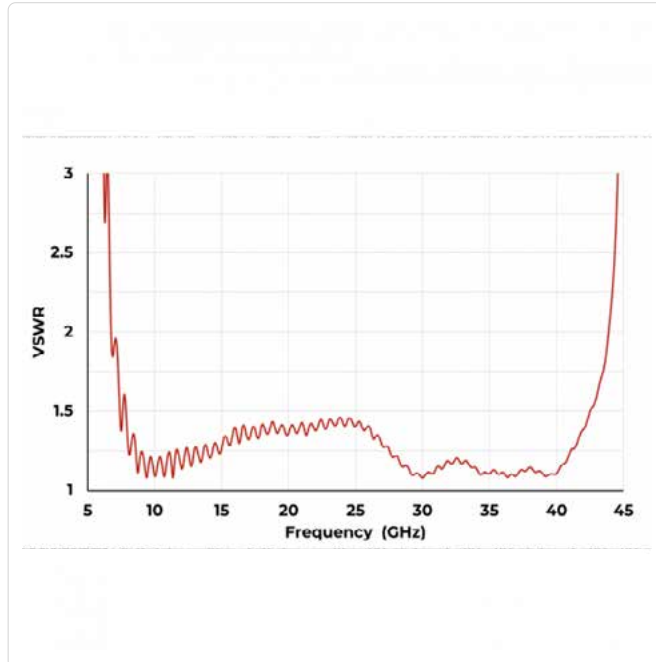
Schweiz  
**Telemeter Electronic GmbH**  
 Romanshonerstr. 117, 8280 Kreuzlingen  
 Tel. +41 71 6992020, Fax +41 71 6992024  
 info@telemeter.ch, www.telemeter.info

Tschechische Republik  
**Telemeter Electronic s.r.o.**  
 České Vrbné 2364, 37011 České Budějovice  
 Tel. +420 38 5310637 und +420 38510143  
 info@telemeter.cz, www.telemeter.info

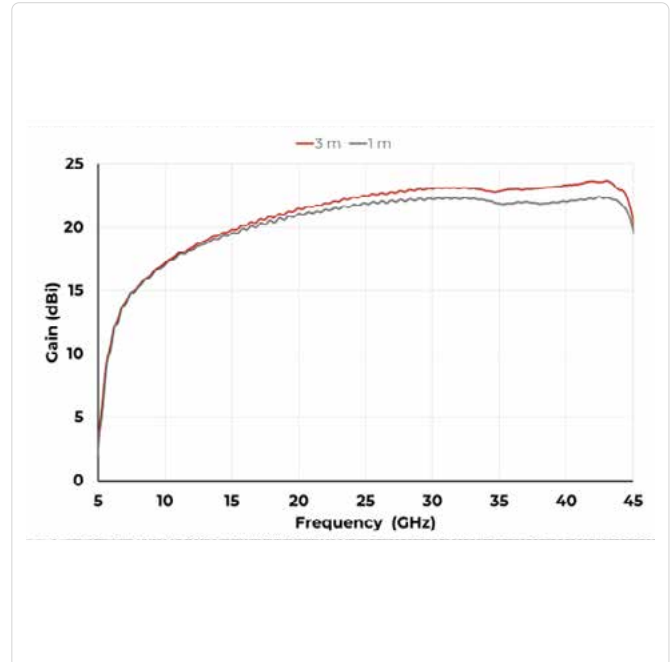
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## Typical Parameters

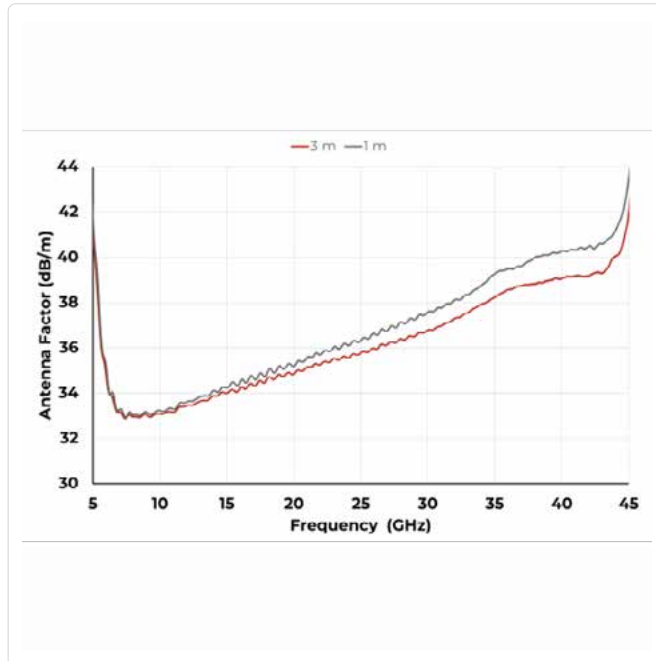
VSWR



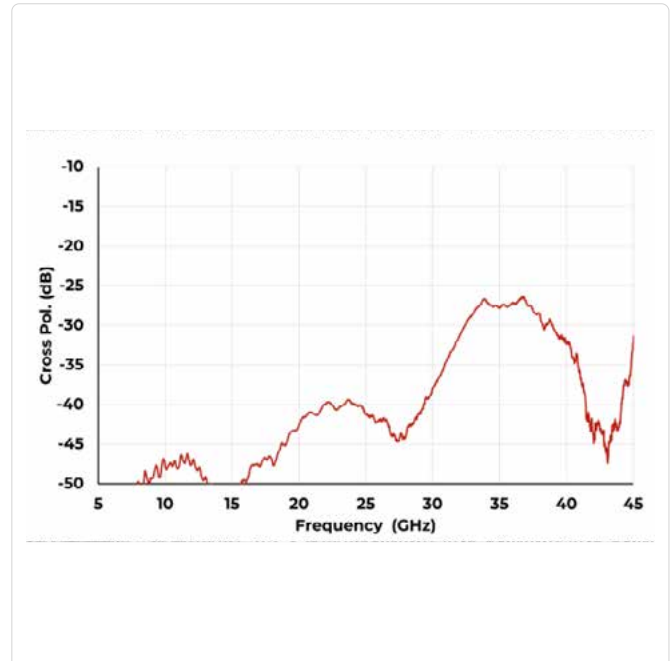
Gain



AF



Cross Polarization

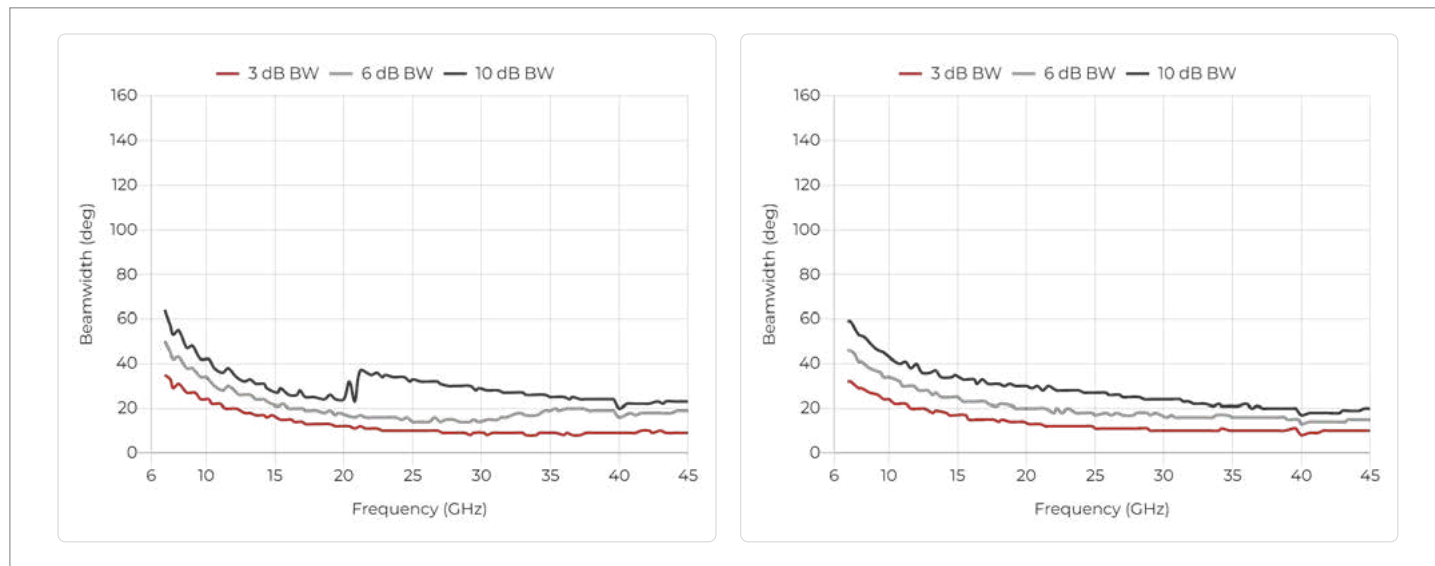


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## Beamwidth



Deutschland

**Telemeter Electronic GmbH**

Joseph-Gänsler-Str. 10, 86609 Donauwörth  
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info@telemeter.de, www.telemeter.info

Schweiz

**Telemeter Electronic GmbH**

Romanshorerstr. 117, 8280 Kreuzlingen  
Tel. +41 71 6992020, Fax +41 71 6992024  
info@telemeter.ch, www.telemeter.info

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## Radiation Patterns

