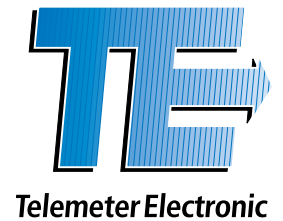


Quad Ridged Horn Antenna Model QRH40C



Electrical Specifications

Frequency Range	4 GHz – 40 GHz
VSWR (max.)	2.4
VSWR (avg.)	1.4
Impedance	50 Ω
Power (CW/Peak)	10 W / 20 W
Antenna Factor	35 – 45 dB/m
Port Isolation	-28 dB
Polarization	Dual Linear, Circular (with hybrid)

Physical Specifications

Width	53 mm (2.087 in)
Height	90 mm (3.543 in)
Depth	53 mm (2.087 in)

Operating Conditions

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

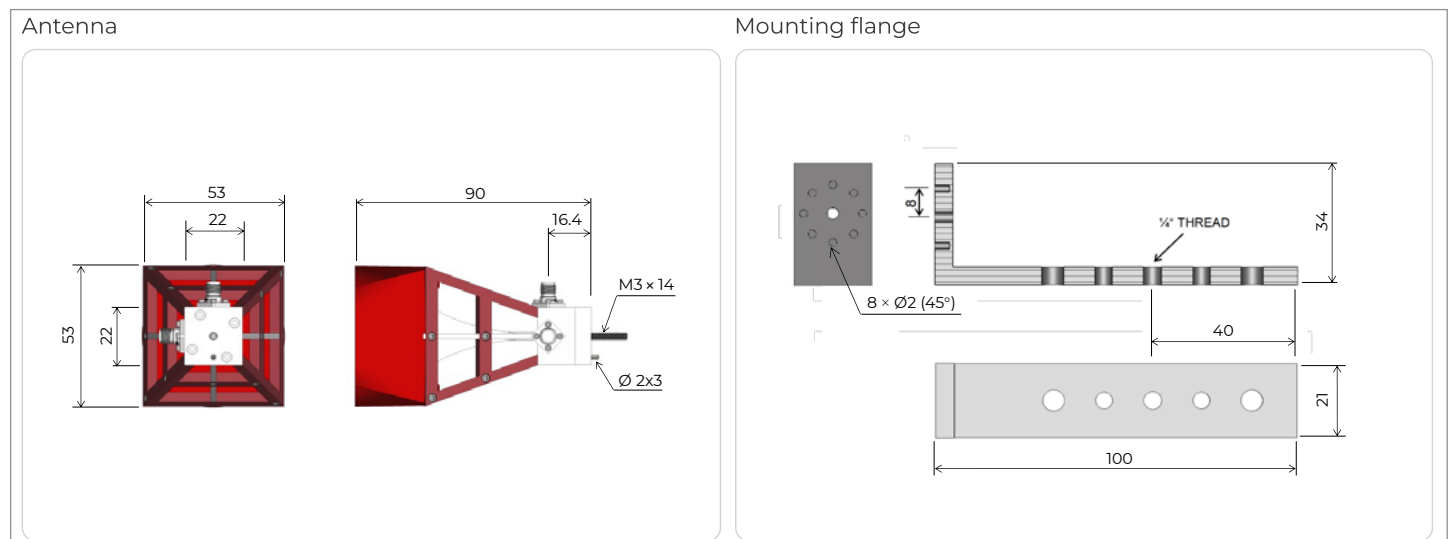


Mounting Flange

Mounting

Adapter with 1/4 inch inner thread, supplied with antenna

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

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

Tschechische Republik

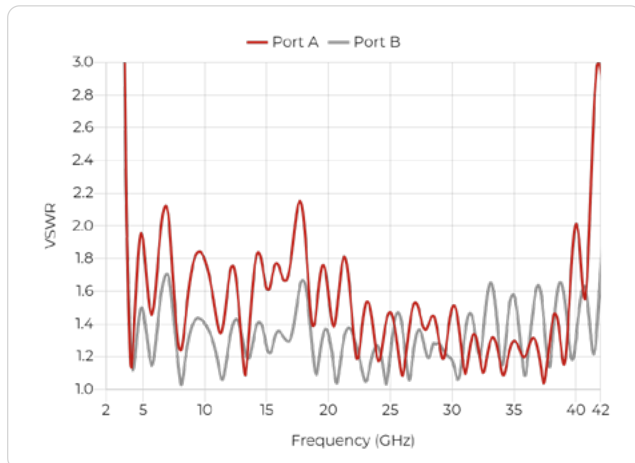
Telemeter Electronic s.r.o.

České Vrbné 2364, 37011 České Budějovice
Tel. +420 38 5310637 und +420 38510143
info@telemeter.cz, www.telemeter.info

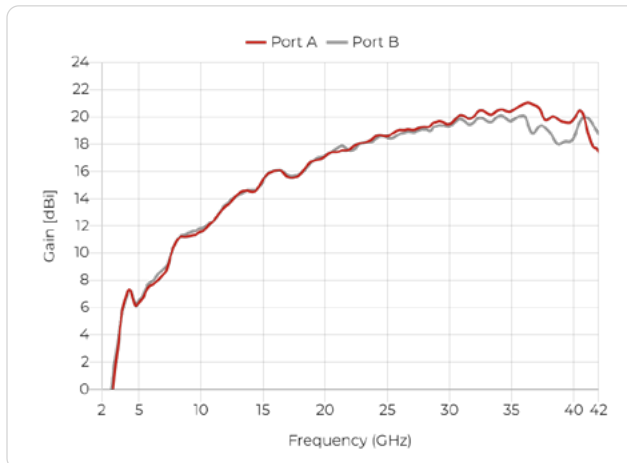
Quad Ridged Horn Antenna Model QRH40C

Typical Parameters

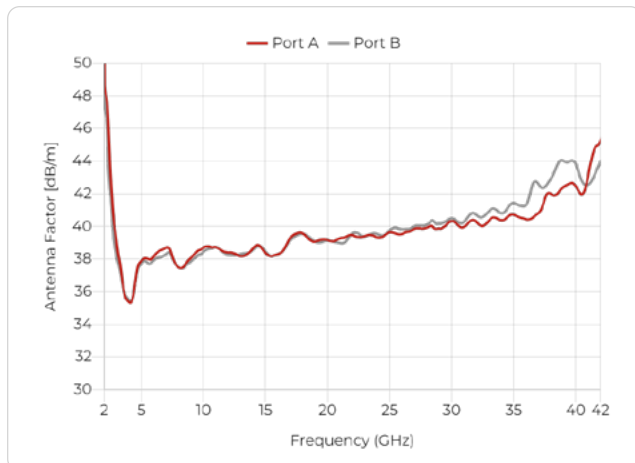
VSWR



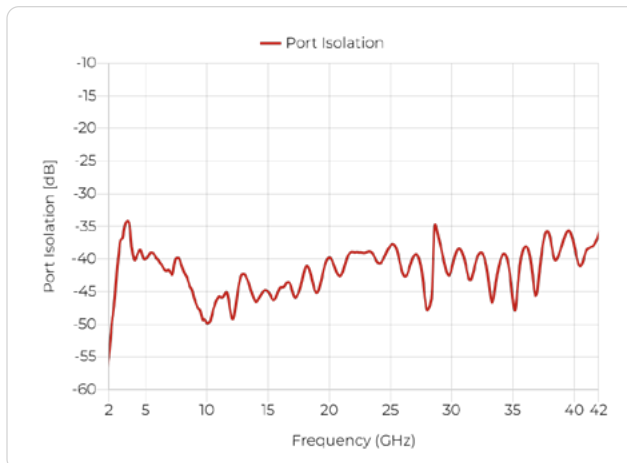
Gain



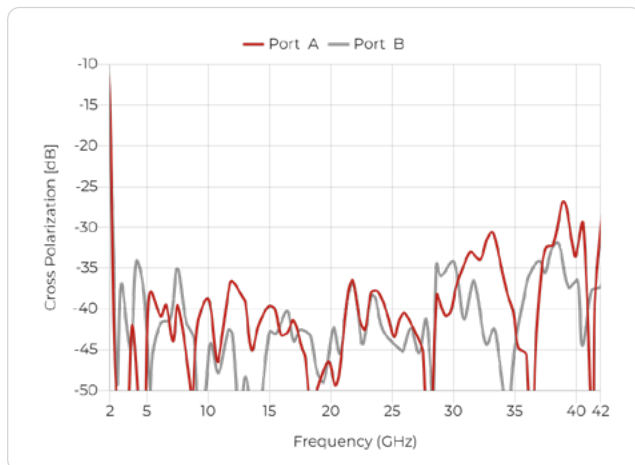
Antenna Factor



Port Isolation



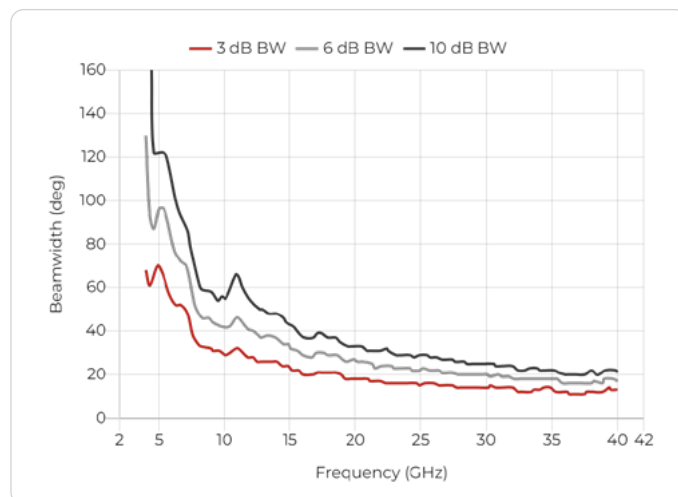
Cross Polarization



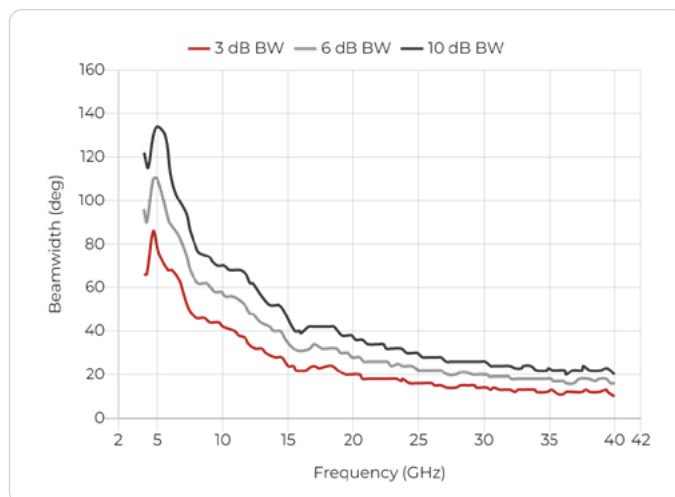
Quad Ridged Horn Antenna Model QRH40C

Beamwidth

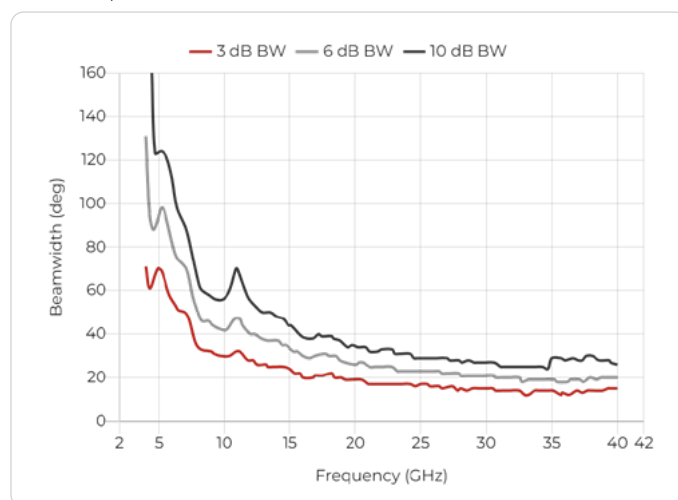
Port A, E plane



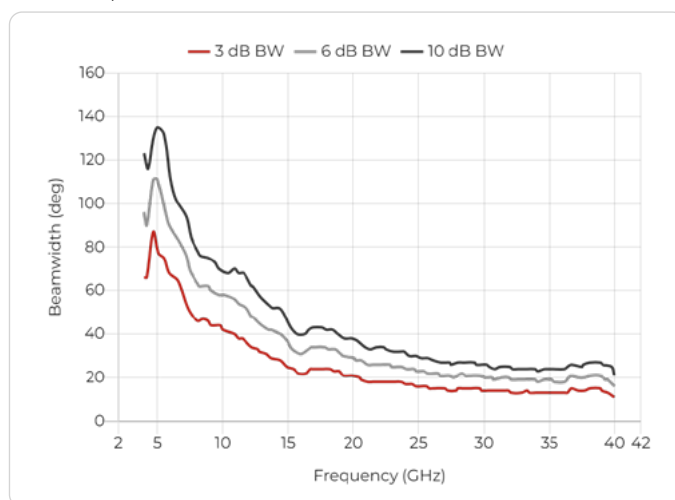
Port A, H plane



Port B, E plane

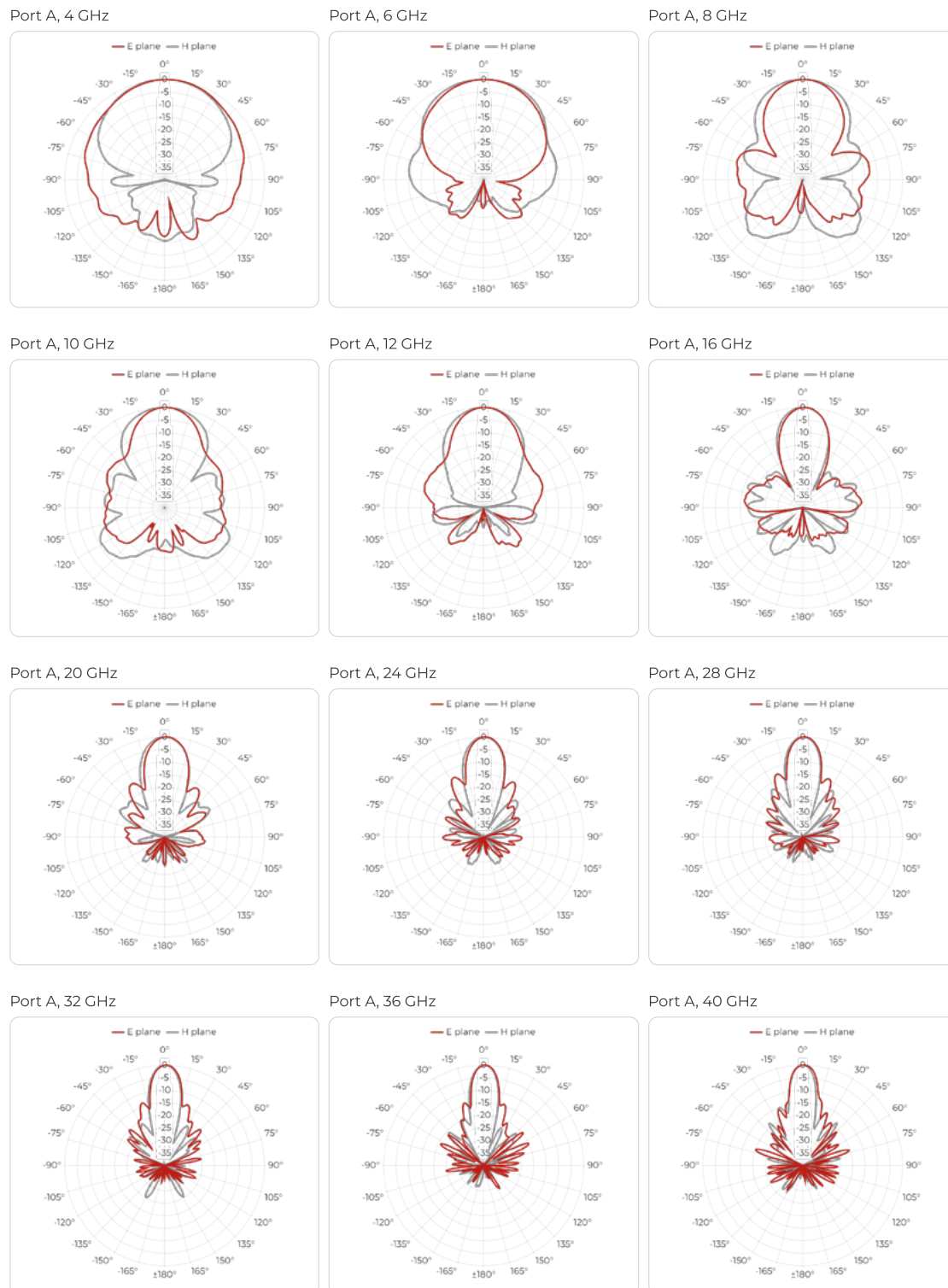


Port B, H plane



Quad Ridged Horn Antenna Model QRH40C

Radiation Patterns - Port A



Quad Ridged Horn Antenna Model QRH40C

Radiation Patterns - Port B

