

## QRHA90

### 8.2~12.4GHz, WR-90

Features:  
\* Broadband

Applications:  
\* Wireless  
\* Transceiver  
\* Laboratory Test  
\* Broadcast

#### Electrical

Frequency: 8.2~12.4GHz  
Gain: 10, 15, 20, 25dB  
VSWR: 1.25 max.  
1.5 max. (Connectorized)  
Impedance: 50Ω

#### Mechanical

Interface: WR-90  
Flange: UBR100  
Connectors: N Female, SMA Female  
Material: Aluminium

#### How To Order

**QRHA90-X-Y**

X: Gain in dB

Y: Connector type

Connector naming rules:

S - SMA Female

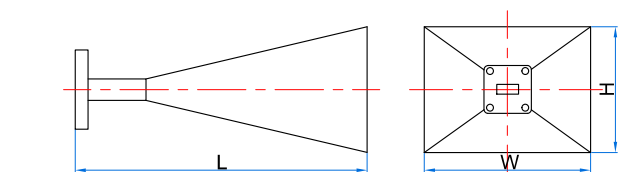
N - N Female

Examples:

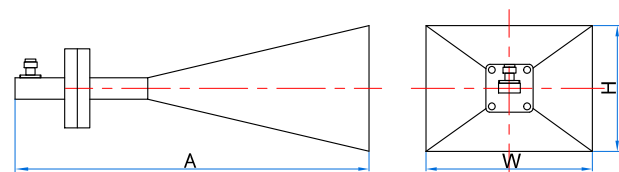
To order an antenna, 8.2-12.4GHz, 10dB, WR-90, specify QRHA90-10.

Customization is available upon request.

#### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

| Gain | L             | W            | H            | A            |
|------|---------------|--------------|--------------|--------------|
| 10dB | 32.5 [1.28]   | 36.6 [1.44]  | 28.2 [1.11]  | 69.9 [2.75]  |
| 15dB | 52.5 [2.07]   | 69.2 [2.72]  | 52.7 [2.07]  | 89.9 [3.54]  |
| 20dB | 172.5 [6.79]  | 137 [5.39]   | 107.8 [4.24] | 209.9 [8.26] |
| 25dB | 574.6 [22.62] | 242.6 [9.55] | 194.4 [7.65] | 612 [24.09]  |