

# QIMP3002

## DC~3GHz, 2W

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

### Electrical

Frequency:	DC~3GHz
Insertion Loss:	5.7dB
VSWR:	1.15 max.
Power:	2W
Typical Flatness:	0.15dB max.
Impedance:	50Ω (SMA, N, BNC) 75Ω (N, BNC, F)

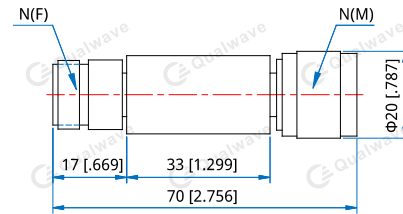
### Mechanical

Size (N):	Φ20*70mm Φ0.787*2.756in
Size (F):	Φ20*68mm Φ0.787*2.677in
RF Connector:	SMA, N, BNC, F
Housing:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold Plated Beryllium Copper
Material:	Aluminum

### Environmental

Operating Temperature:	-10~+50°C
Non-operating Temperature:	-40~+70°C

### Outline Drawings



Outline A

Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]

### How To Order

#### QIMPUV-WX-YZ

U: Frequency (GHz)  
V: Power (W)  
W: Connector type  
X: Impedance (Ω)  
Y: Connector type  
Z: Impedance (Ω)

Connector naming rules:

S - SMA Male  
SF - SMA Female  
N - N Male (Outline A)  
NF - N Female (Outline A)  
B - BNC Male  
BF - BNC Female  
F - F Male  
FF - F Female

Examples:

To order a Impedance Matching Pads, DC~3GHz, 2W, N Male, 50Ω, N female, 75Ω, specify QIMP3002-N50-NF75.

Customization is available upon request.