

QL-9K-8000-14

9KHz~8GHz, 14dBm

Features:
* Broadband

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar



Electrical

Frequency:	9KHz~8GHz
Insertion Loss:	0.9dB typ.
Flat Leakage:	14dBm typ.
VSWR:	1.3 typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power: 42dBm

[1] Permanent damage may occur if any of these limits are exceeded.

Mechanical

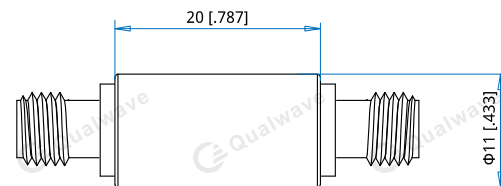
Size*2: 20*Φ11mm
0.787*0.433in
RF Connectors: SMA

[2] Exclude connectors.

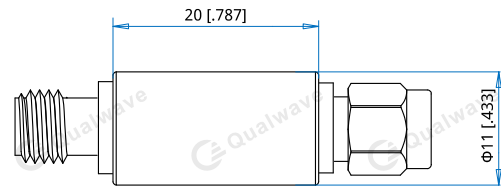
Environmental

Operating Temperature: -40~+70°C
Non-operating Temperature: -55~+85°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

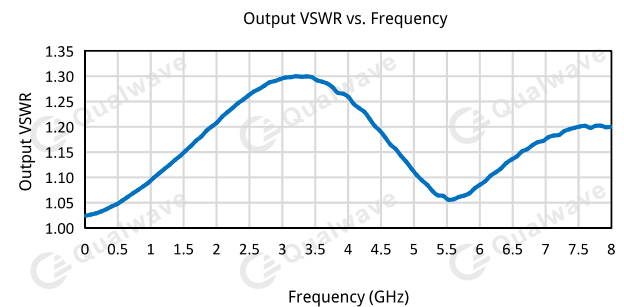
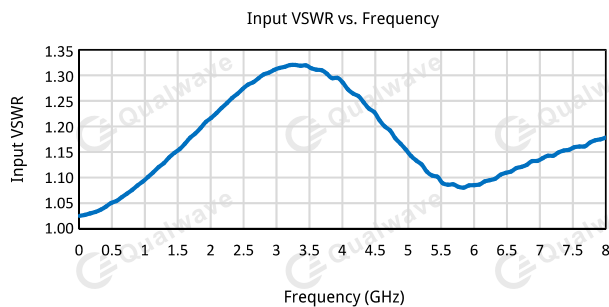
How To Order

QL-9K-8000-14-S - SMA female, SMA female, Outline A

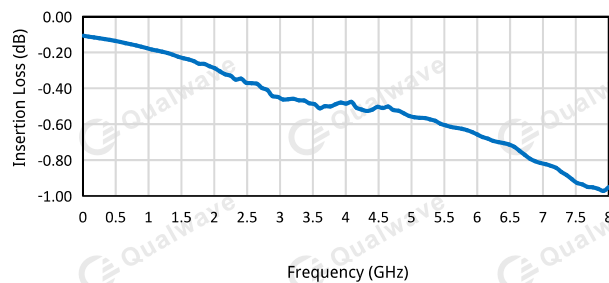
QL-9K-8000-14-SSM - SMA female, SMA male, Outline B

Customization is available upon request.

Typical Performance Curves



Insertion Loss vs. Frequency



Output Power vs. Input Power vs. Frequency

