

QCCG-100-6000-1

0.1~6GHz

Features:

- * Broadband Output Spectrum
- * Flexible Harmonic Control

Applications:

- * Radar
- * EMC Testing
- * Communications
- * Instrumentation



Electrical

Input Frequency:	0.1~6GHz
Output Frequency:	0.1~20GHz
Input Power:	-5~0dBm typ.
Highest Harmonics:	20GHz
Harmonic Power@0.1GHz:	-7dBm typ. @5th Harmonic -18dBm typ. @9th Harmonic -23dBm typ. @19th Harmonic
Harmonic Power@1GHz:	-2dBm typ. @5th Harmonic -6dBm typ. @9th Harmonic -23dBm typ. @19th Harmonic
Harmonic Power@6GHz:	2dBm typ. @2nd Harmonic 2dBm typ. @third Harmonic
VSWR:	1.8 typ.
Voltage:	+5V DC
Current:	140mA typ.
Impedance:	50Ω

Absolute Maximum Ratings*1

RF Input Power:	+18dBm
Voltage:	+6V

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

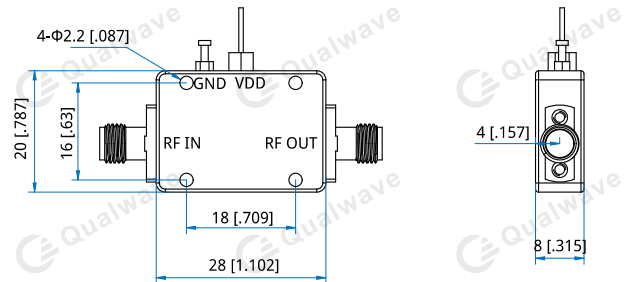
Mechanical

RF Connectors:	SMA Female (Removable)
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Environmental

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

Outline Drawings



Unit: mm [in]
Tolerance: ±0.5mm [±0.02in]

How To Order

QCCG-100-6000-1

Customization is available upon request.

Typical Performance Curves

