

QPA-20-520-47-47S

0.02~0.52GHz, 47dB, 47dBm

Features:

- * Small Size
- * Low Power Consumption

Applications:

- * Wireless
- * Transmitter
- * Laboratory Test

Electrical

Frequency:	0.02~0.52GHz
Gain:	47dB min.
Gain Flatness:	3±1dB max.
Input VSWR:	1.7 max.
Output Power (Psat):	47dBm min.
Input Power:	3±1dBm
	+6dBm max.
Spurious:	-65dBc max.
Harmonic:	-10dBc max.
Voltage:	28~32V/13A VCC (Reference)
	+32V max.
PTT:	3.3/5V (On)
Current:	7~9A max.
Protection Function:	Over 80°C protection
	Open circuit protection
VLC Automatic Power Control	50-60W input/output power
(50W System):	regulation
Impedance:	50Ω

Mechanical

Size ^{*1} :	211*100.5*28mm
	8.307*3.957*1.102in
RF In Connectors:	SMA Female
RF Out Connectors:	N Female
Mounting:	6-Φ3.6mm through-hole
Power Supply Interface ^{*2} :	Feed Through/Terminal Post

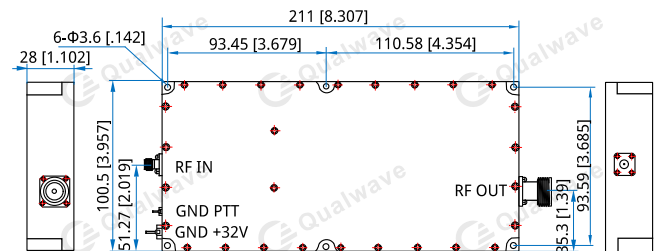
[1] Exclude connectors.

[2] Install heat sink during testing.

Environmental

Operating Temperature: -25~+55°C

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

How To Order

QPA-20-520-47-47S

Customization is available upon request.