

# QPS2-30-500-R

## SP2T, 0.03~0.5GHz, Reflective

Features:  
 \* Low Insertion Loss  
 \* High Isolation

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

### Electrical

Frequency:	0.03~0.5GHz
Insertion Loss:	0.3dB typ.
Isolation:	55dB min.
Input VSWR:	1.5 max.
Output VSWR:	1.5 max.
Average Power:	50W max.
Impedance:	50Ω
Voltage:	+12V DC
Current:	300mA max.
Control:	TTL High - 1 TTL Low/NC - 0

### Mechanical

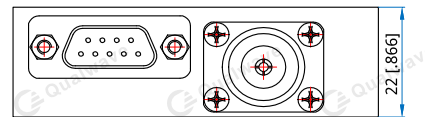
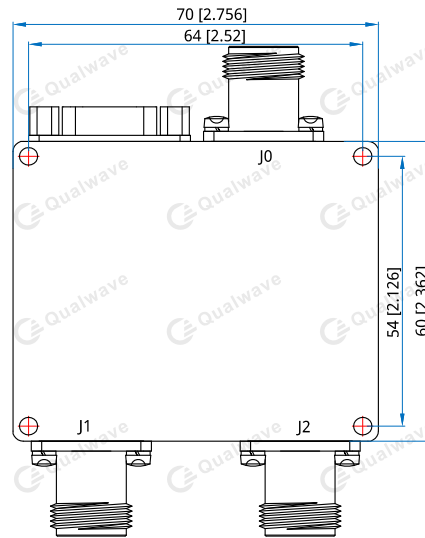
Size <sup>*1</sup> :	70*60*22mm 2.756*2.362*0.866in
Switching Time:	1uS max.
RF Connectors:	SMA female
Control Interface:	DB9-female

[1] Exclude connectors.

### Environmental

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

### Outline Drawings



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

### Control True Table

Ctrl	Connection
0	J0 - J1 On, J0 - J2 Off
1	J0 - J2 On, J0 - J1 Off

### How To Order

**QPS2-30-500-R**

Customization is available upon request.