

# QPS32-400-18000-A

## SP32T, 0.4~18GHz, Absorptive

Features:  
 \* Low Insertion Loss  
 \* High Isolation

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

### Electrical

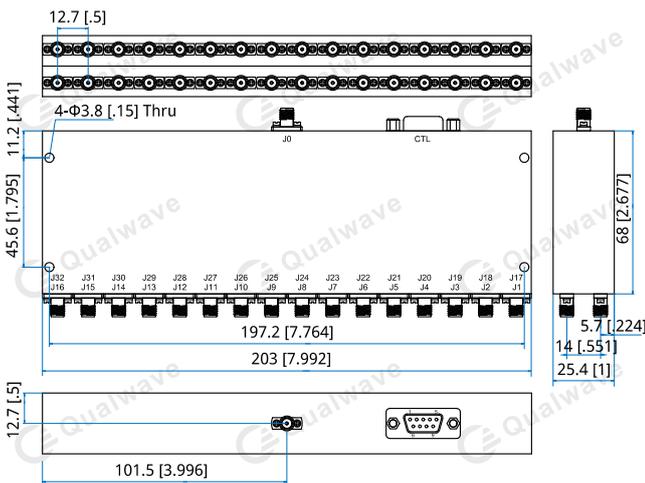
Frequency:	0.4~18GHz
Insertion Loss:	9.5dB max.
Isolation:	70dB min.
VSWR:	2 max.
Input Power:	27dBm max.
Voltage/Current:	+5V@1.4A max. -5V@0.2A max.
Control:	TTL High - 1 TTL Low/NC - 0

### Mechanical

Size <sup>*1</sup> :	203*68*25.4mm 7.992*2.677*1in
RF Connectors:	SMA Female
Switching Time:	100ns max.
Power Supply & Control Interface Connectors:	D-Sub 9 Male
Mounting:	4-Φ3.8mm through-hole

[1] Exclude connectors.

### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.254mm [±0.01in]

### Environmental

Operating Temperature:	-40~+85°C
Non-operating Temperature:	-55~+125°C

### Control True Table

E5	E4	E3	E2	E1	Connection
0	0	0	0	0	J0 - J1 On
0	0	0	0	1	J0 - J2 On
0	0	0	1	0	J0 - J3 On
0	0	0	1	1	J0 - J4 On
0	0	1	0	0	J0 - J5 On
0	0	1	0	1	J0 - J6 On
0	0	1	1	0	J0 - J7 On
0	0	1	1	1	J0 - J8 On
0	1	0	0	0	J0 - J9 On
0	1	0	0	1	J0 - J10 On
0	1	0	1	0	J0 - J11 On
0	1	0	1	1	J0 - J12 On
0	1	1	0	0	J0 - J13 On
0	1	1	0	1	J0 - J14 On
0	1	1	1	0	J0 - J15 On
0	1	1	1	1	J0 - J16 On
1	0	0	0	0	J0 - J17 On
1	0	0	0	1	J0 - J18 On
1	0	0	1	0	J0 - J19 On
1	0	0	1	1	J0 - J20 On
1	0	1	0	0	J0 - J21 On
1	0	1	0	1	J0 - J22 On
1	0	1	1	0	J0 - J23 On
1	0	1	1	1	J0 - J24 On
1	1	0	0	0	J0 - J25 On
1	1	0	0	1	J0 - J26 On
1	1	0	1	0	J0 - J27 On
1	1	0	1	1	J0 - J28 On
1	1	1	0	0	J0 - J29 On
1	1	1	0	1	J0 - J30 On
1	1	1	1	0	J0 - J31 On
1	1	1	1	1	J0 - J32 On

**Pin Numbering**

Pin	Function	Pin	Function
1	+5V	4~8	E1~E5
2	GND	9	NC
3	-5V		

**How To Order**[QPS32-400-18000-A](#)

Customization is available upon request.