

# QPD12-500-8000-20-S

12-Way, 0.5~8GHz

### Features:

- \* Small Size
- \* Low Insertion Loss

### Applications:

- \* Amplifiers
- \* Mixers
- \* Antennas
- \* Laboratory Test

## Electrical

Frequency:	0.5~8GHz
Insertion Loss*1:	5.5dB max.
Input VSWR:	1.65 max.
Output VSWR:	1.4 max.
Isolation:	16dB min.
Amplitude Balance:	±1.2dB
Phase Balance:	±12°
Impedance:	50Ω
Power @SUM Port:	20W max. as divider 1W max. as combiner

[1] Excluding theoretical loss 10.8dB.

## Mechanical

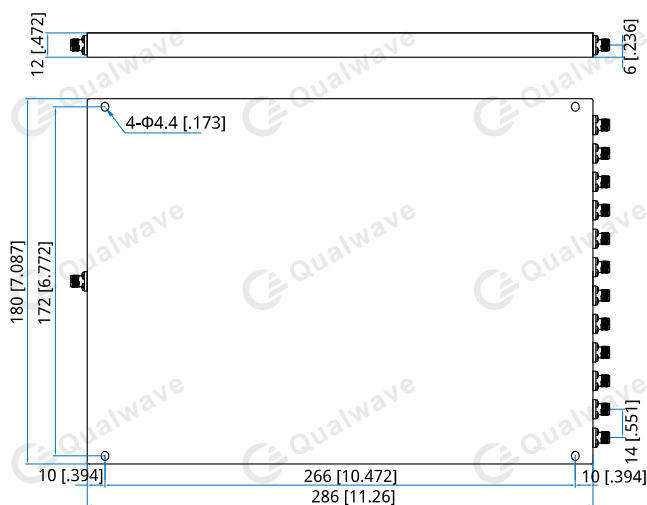
Size*1:	286*180*12mm 11.26*7.087*0.472in
Connectors:	SMA Female
Mounting:	4-Φ4.4mm through-hole

[1] Exclude connectors.

## Environmental

Operation Temperature: -45~+85℃

## Outline Drawings



Unit: mm [in]

Tolerance:  $\pm 0.3\text{mm}$  [ $\pm 0.012\text{in}$ ]

## How To Order

QPD12-500-8000-20-S

Customization is available upon request.