

# QBT-100-18000-S

0.1~18GHz

Features:  
 \* Broadband  
 \* Small Size

Applications:  
 \* Telecom  
 \* Satcom  
 \* Laboratory Test  
 \* Instrumentation



### Electrical

Frequency:	0.1~18GHz
Insertion Loss:	1.8 typ.
VSWR:	1.6 typ.
Voltage:	+50V DC
Current:	700mA max.
RF Input Power:	10W max.
Impedance:	50Ω

### Mechanical

Size*1:	18*16*8mm 0.709*0.63*0.315in
Connectors:	SMA Female SMA Male
Mounting:	2-Φ2.2mm through-hole

[1] Exclude connectors

### Environmental

Operating Temperature:	-40~+65°C
Non-operating Temperature:	-55~+85°C

### How To Order

#### QBT-X-Y-S-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: 01: SMA(f) to SMA(f), DC in Pin (Outline A)

03: SMA(m) to SMA(f), DC in Pin (Outline B)

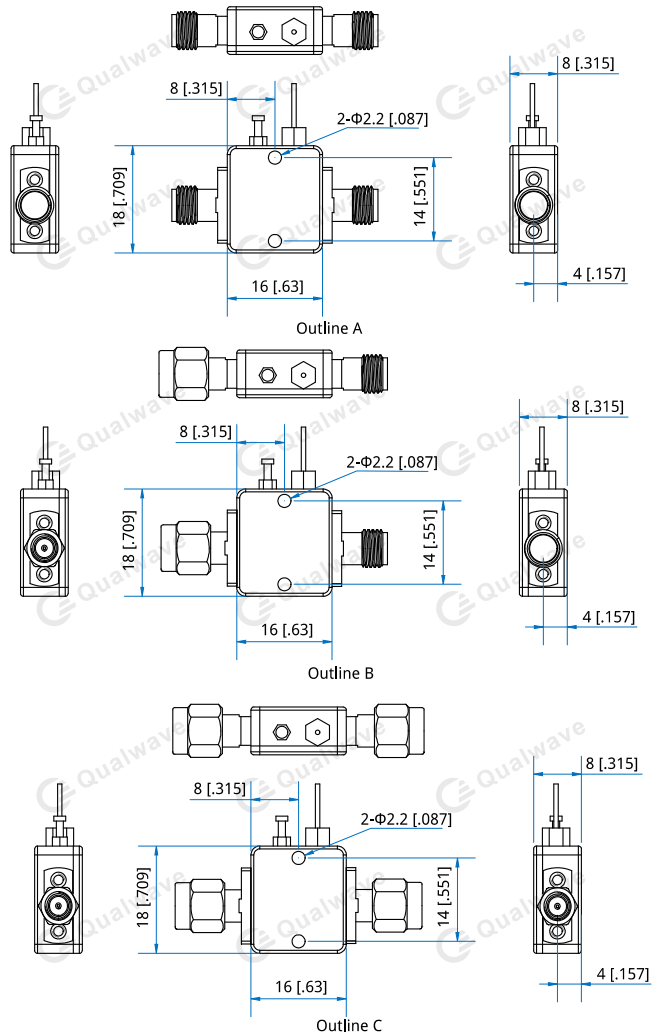
06: SMA(m) to SMA(m), DC in Pin (Outline C)

#### Examples:

To order a bias tee, 0.1~18GHz, SMA female to SMA female, DC in Pin, specify QBT-100-18000-S-01.

Customization is available upon request.

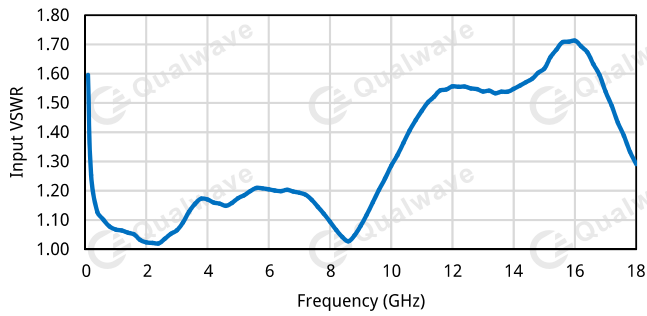
### Outline Drawings



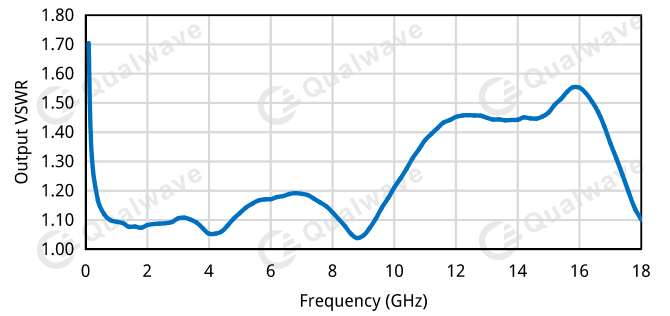
Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

**Typical Performance Curves**

Input VSWR vs. Frequency



Output VSWR vs. Frequency



Insertion Loss vs. Frequency

