

# QBT-10-4200-N

## 0.01~4.2GHz

Features:  
 \* Broadband  
 \* Small Size

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

### Electrical

Frequency:	0.01~4.2GHz
Voltage:	+72V DC
Current:	1A max.
Average Power:	5W max.
Impedance:	50Ω

### VSWR & Insertion Loss

Frequency (GHz)	Insertion Loss (dB max.)	VSWR (max.)
0.01~3	1	1.2
0.01~4.2	1.25	1.25

### Mechanical

RF In Connector:	N male
DC/RF Out Connector:	N female
DC In Connector:	N female or Pin
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper
Housing:	Aluminum
Mounting:	2-Φ2.8mm through-hole

### How To Order

#### QBT-X-Y-N-Z

X: Start frequency in MHz

Y: Stop frequency in MHz

Z: 01 (Outline A)

02 (Outline B)

Examples:

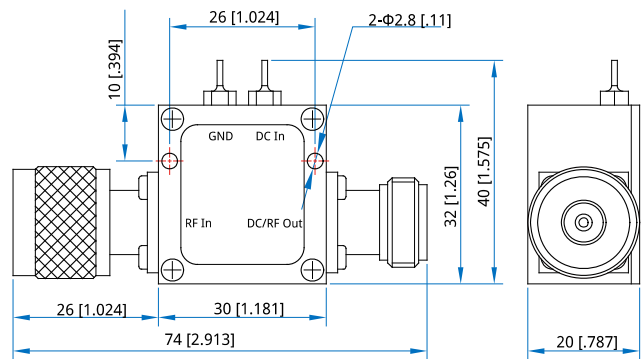
To order a bias tee, 0.01~4.2GHz, N male to N female, DC in N female, specify QBT-10-4200-N-02.

Customization is available upon request.

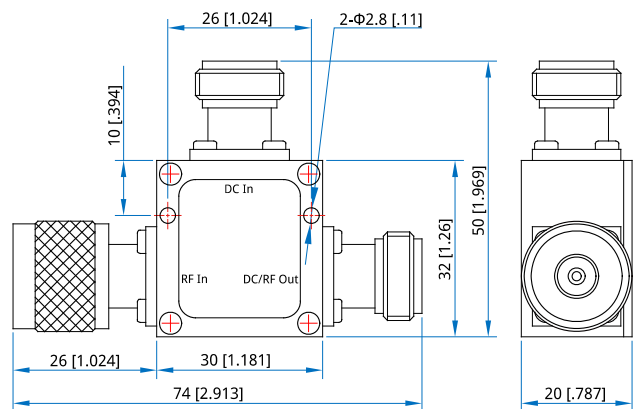
### Environmental

Temperature: -40~+65°C

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]