

FBT-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
Isolation:	30dB typ.
Current:	700mA max.
RF Input Power:	10W max.
Impedance:	50Ω

Mechanical

RF Connectors:	SMA Female, SMA Male
DC Connectors ^{*1} :	Solder Pin, SMA Female
Mounting:	2-Φ2.2mm through-hole

[1]Female connectors can be replaced with male connectors on request.

Environmental

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

How To Order
FBT-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)

02: SMA(f) to SMA(f), DC in SMA female (Outline B)

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

04: SMA(m) to SMA(f), DC in SMA female

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

07: SMA(f) to SMA(m), DC in Pin

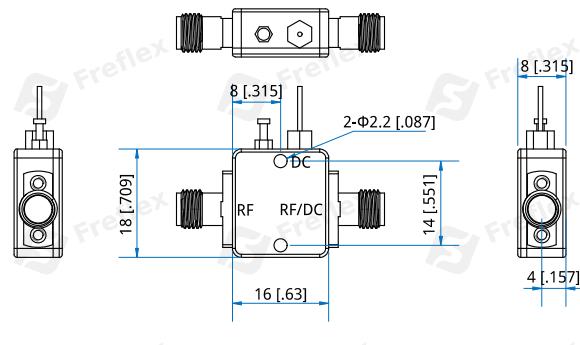
09: SMA(f) to SMA(m), DC in SMA female

10: SMA(m) to SMA(m), DC in SMA female

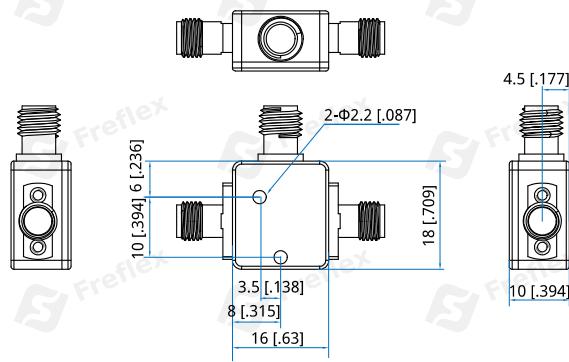
Examples:

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

Customization is available upon request.

Outline Drawings


Outline A



Outline B

Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves
