

FBTP-10-8000

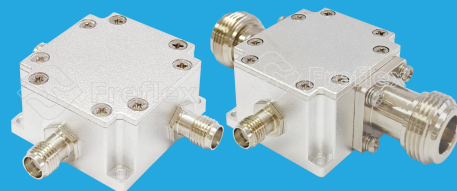
High Power, 0.01~8GHz

Features:

- * Broadband
- * Small Size

Applications:

- * Telecom
- * Satcom
- * Laboratory Test
- * Instrumentation



Electrical

Frequency:	0.01~8GHz
Insertion Loss:	0.7dB typ.
VSWR:	1.4 typ.
DC Voltage:	50V max.
DC Current:	2.5A max.
RF Input Power:	100W max.
Isolation (RF to Bias Port):	20dB min.
Bias-Path Resistance:	0.1Ω
Impedance:	50Ω

Mechanical

Connectors*1:	SMA Female
	N Female
Mounting:	4-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

FBTP-10-8000-S-01 - SMA (f) - SMA (f), DC in Pin, Outline A

FBTP-10-8000-S-02 - SMA (f) - SMA (f), DC in SMA (f), Outline B

FBTP-10-8000-N-01 - N (f) - N (f), DC in Pin, Outline C

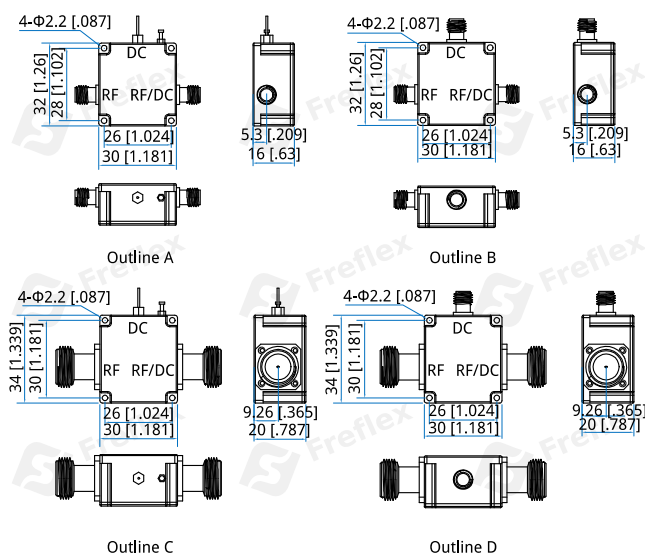
FBTP-10-8000-N-05 - N (f) - N (f), DC in SMA (f), Outline D

Examples:

To order a SMA (m) - SMA (f), DC in Pin, use part number FBTP-10-8000-S-01 by noting port RF: SMA male.

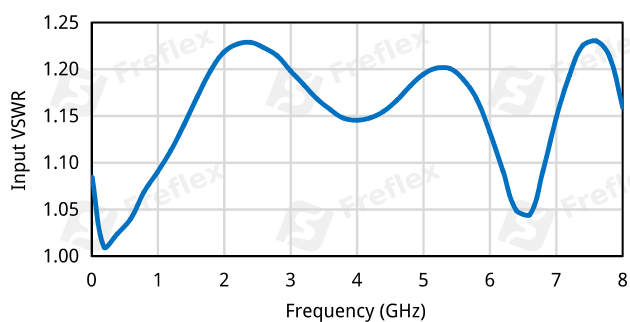
Customization is available upon request.

Outline Drawings

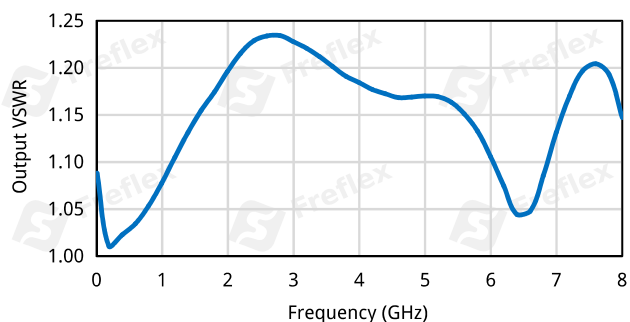


Typical Performance Curves

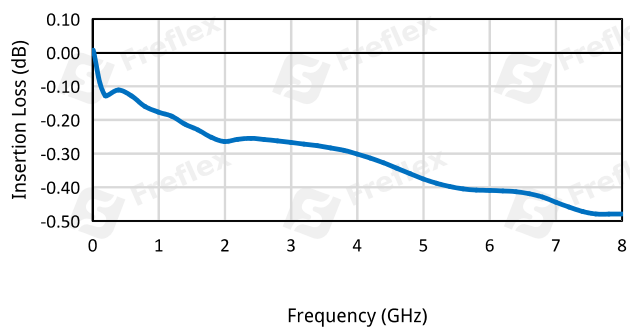
Input VSWR vs. Frequency



Output VSWR vs. Frequency



Insertion Loss vs. Frequency



Isolation vs. Frequency

