

FMPS7

7.2°/GHz, DC~50GHz

Features:

- * Low Insertion Loss
- * High Power
- * High Reliable

Applications:

- * Laboratory Test
- * Transmitter
- * Instrumentation
- * Wireless

Electrical

Frequency:	DC~50GHz
VSWR:	1.5 max.
Insertion Loss:	1dB max.
Phase Adjustment:	7.2°/GHz max. (360°@50GHz)
Phase Sensitivity:	0.6°/GHz/Circle
Impedance:	50Ω

Mechanical

RF Connectors:	2.4mm
Outer Conductor:	Passivated stainless steel
Dielectric:	PEI&PTFE
Inner Conductor:	Gold plated beryllium copper

Environmental

Operation Temperature:	-55~+165°C
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How To Order

FMPS7-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

22F - 2.4mm Male and Female (Outline A)

2F2F - 2.4mm Female (Outline B)

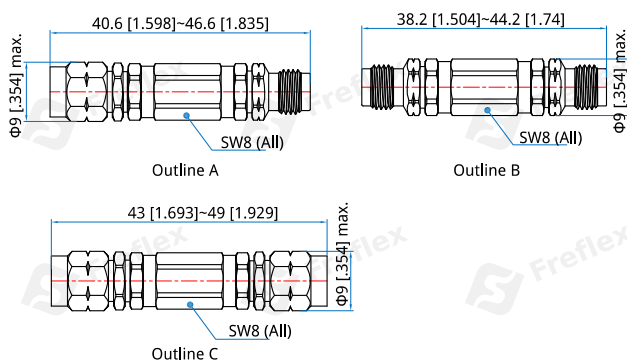
22 - 2.4mm Male (Outline C)

Examples:

To order a phase shifter, DC-50GHz, 2.4mm male to 2.4mm female, specify FMPS7-50-22F.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.4mm [±0.016in]

Usage

1. Tighten the lock nuts.
2. Connect both ends to cables.
3. Release the lock nuts.
4. Turn the adjust nut to adjust phase.
5. Tighten the lock nuts.