

FMPS9

9°/GHz, DC~40GHz

Features:

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

Applications:

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

Electrical

Frequency:	DC~40GHz
VSWR:	1.4 max.
Insertion Loss:	0.8dB max.
Phase Adjustment:	9°/GHz max. (360°@40GHz)
Phase Sensitivity:	0.6°/GHz/Circle
Impedance:	50Ω

Mechanical

RF Connectors:	2.92mm
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

FMPS9-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

KKF - 2.92mm Male and Female (Outline A)

KFKF - 2.92mm Female (Outline B)

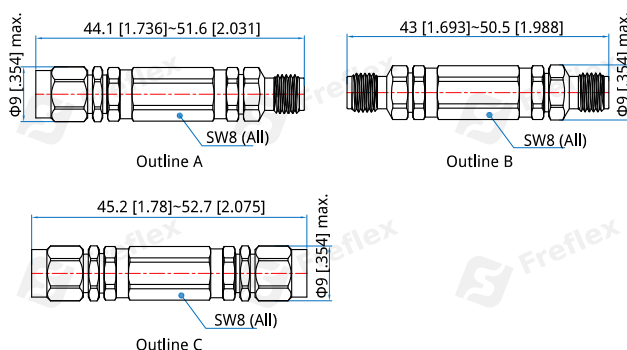
KK - 2.92mm Male (Outline C)

Examples:

To order a phase shifter, DC-40GHz, 2.92mm male to 2.92mm female, specify FMPS9-40-KKF.

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.