

# FDB-9K-40000-K1

## 9KHz~40GHz

Features:  
 \* Broadband  
 \* Low VSWR

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

### Electrical

Frequency Range: 9KHz~40GHz  
 Impedance: 50Ω  
 Voltage: 100V max.

### Mechanical

Connectors: SMP, SSMP, SSMA, 2.92mm  
 Mating Life Cycle: 500 cycles  
 Type: Inner

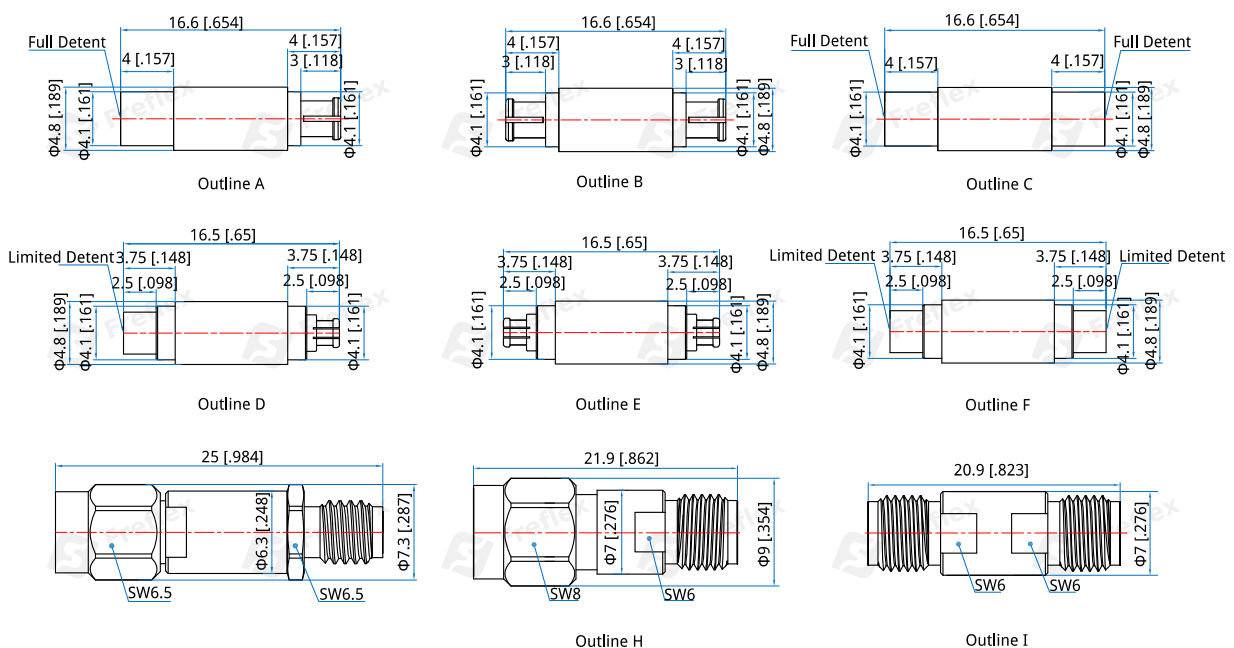
### Environmental

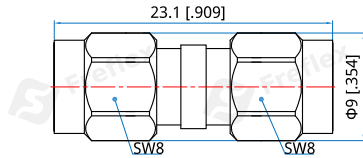
Operating Temperature: -55~+125°C

Connectors	Insertion Loss (dB max.)	VSWR (max.)	Detent mode (only male)	Outer Conductors	Dielectric	Inner Conductors
SMP	1.60	1.90	Full Detent	Passivated stainless steel&Gold plated beryllium copper&Gold plated brass	PTFE	Gold plated beryllium copper&Gold plated brass
SSMP*1	1.60	1.90	Limited Detent	Passivated stainless steel&Gold plated beryllium copper&Gold plated brass	PTFE	Gold plated beryllium copper&Gold plated brass
SSMA	1.20	1.60	-	Passivated stainless steel&Gold plated beryllium copper&Gold plated brass	PTFE	Gold plated beryllium copper&Gold plated brass
2.92mm	1.00	1.35	-	Passivated stainless steel	PEI	Gold plated beryllium copper&Gold plated brass

[1] Mateable with GPPO, SMPM & Mini-SMP.

### Outline Drawings





Outline J

Unit: mm [in]

 Tolerance:  $\pm 0.4\text{mm}$  [ $\pm 0.016\text{in}$ ]

### How To Order

**FDB-9K-40000-K1-PPF** - SMP male, SMP female, Outline A

**FDB-9K-40000-K1-PFPF** - SMP female, SMP female, Outline B

**FDB-9K-40000-K1-PP** - SMP male, SMP male, Outline C

**FDB-9K-40000-K1-GGF** - SSMP male, SSMP female, Outline D

**FDB-9K-40000-K1-GFGF** - SSMP female, SSMP female, Outline E

**FDB-9K-40000-K1-GG** - SSMP male, SSMP male, Outline F

**FDB-9K-40000-K1-AAF** - SSMA male, SSMA female, Outline G

**FDB-9K-40000-K1-KKF** - 2.92mm male, 2.92mm female, Outline H

**FDB-9K-40000-K1-KFKF** - 2.92mm female, 2.92mm female, Outline I

**FDB-9K-40000-K1-KK** - 2.92mm male, 2.92mm male, Outline J

Customization is available upon request.