

# FDB-9K-27000-K1

9KHz~27GHz

Features:  
\* Broadband  
\* Low VSWR

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

## Electrical

Frequency Range: 9KHz~27GHz  
Impedance: 50Ω  
Voltage: 100V max.

## Mechanical

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

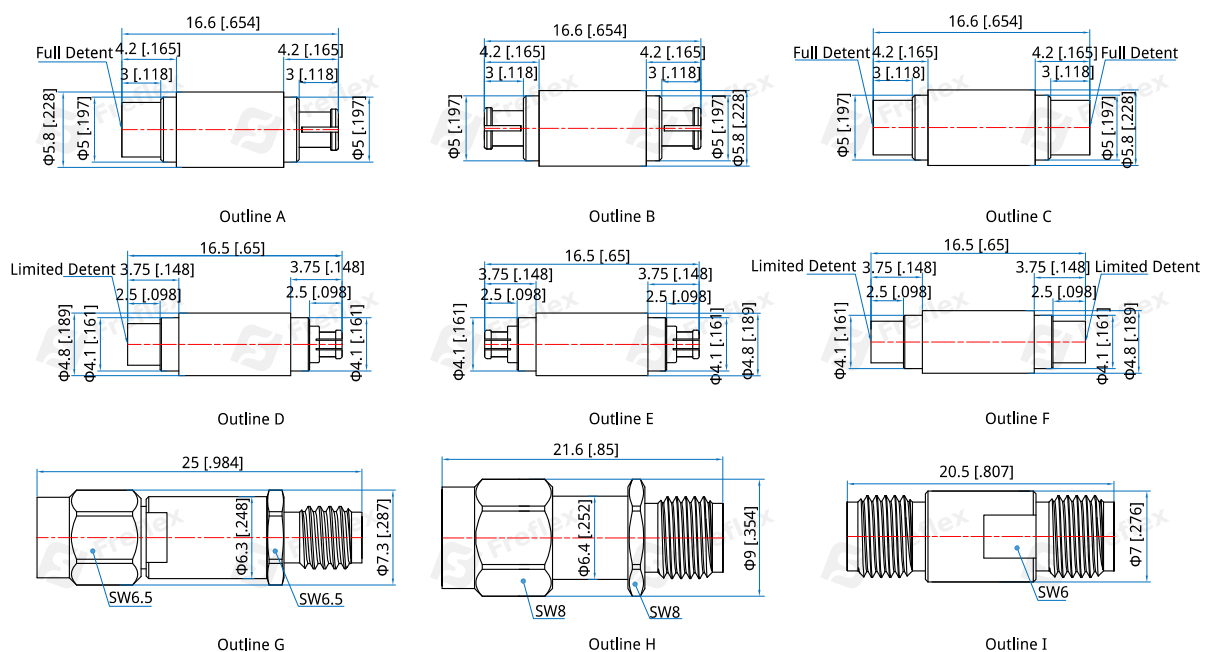
## Environmental

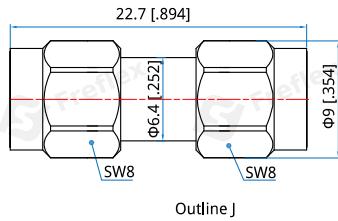
Operating Temperature: -55~+125°C

Connectors	Insertion Loss (dB max.)	VSWR (max.)	Detent mode (only male)	Outer Conductors	Dielectric	Inner Conductors
SMP	0.80	1.5	Full Detent	Passivated stainless steel&Gold plated beryllium copper&Gold plated brass	PTFE	Gold plated beryllium copper&Gold plated brass
SSMP*1	0.80	1.5	Limited Detent	Passivated stainless steel&Gold plated beryllium copper&Gold plated brass	PTFE	Gold plated beryllium copper&Gold plated brass
SSMA	0.80	1.4	-	Passivated stainless steel&Gold plated beryllium copper&Gold plated brass	PTFE	Gold plated beryllium copper&Gold plated brass
SMA	0.80	1.35	-	Passivated stainless steel	PTFE	Gold plated beryllium copper&Gold plated brass

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

## Outline Drawings





Unit: mm [in]

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

### How To Order

**FDB-9K-27000-K1-PPF** - SMP male, SMP female, Outline A

**FDB-9K-27000-K1-PFPF** - SMP female, SMP female, Outline B

**FDB-9K-27000-K1-PP** - SMP male, SMP male, Outline C

**FDB-9K-27000-K1-GGF** - SSMP male, SSMP female, Outline D

**FDB-9K-27000-K1-GFGF** - SSMP female, SSMP female, Outline E

**FDB-9K-27000-K1-GG** - SSMP male, SSMP male, Outline F

**FDB-9K-27000-K1-AAF** - SSMA male, SSMA female, Outline G

**FDB-9K-27000-K1-SSF** - SMA male, SMA female, Outline H

**FDB-9K-27000-K1-SFSF** - SMA female, SMA female, Outline I

**FDB-9K-27000-K1-SS** - SMA male, SMA male, Outline J

Customization is available upon request.