

# FDB-9K-27000

9KHz~27GHz

Features:  
\* Broadband  
\* Low VSWR

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

## Electrical

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

## Mechanical

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

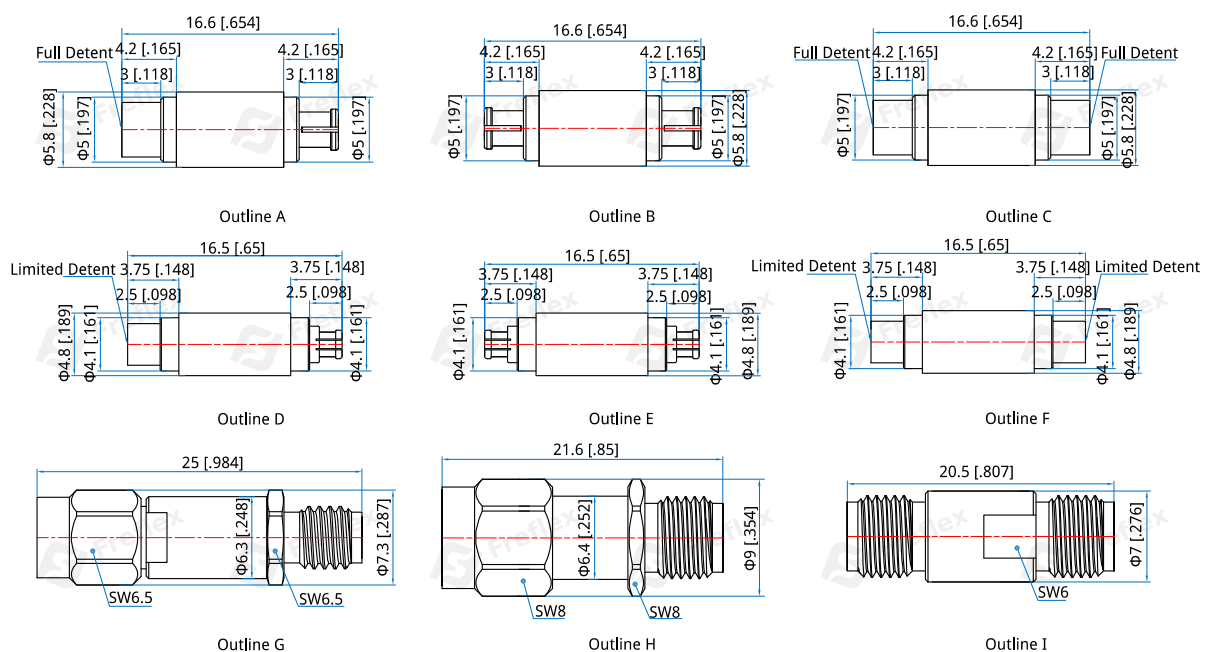
## Environmental

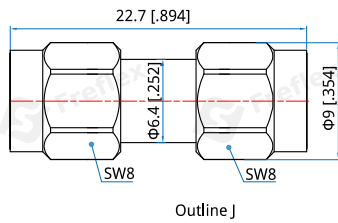
Operating Temperature: -55~+125°C

| 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-PPF** - SMP male, SMP female, Outline A

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

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

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

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

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

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

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

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

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

Customization is available upon request.