

**Coaxial Adapter Series 1.85mm/3.5mm**

**Features:**

- Low VSWR

**Applications:**

- Wireless
- Transmitter
- Laboratory Test
- Radar

**Electrical**

Frequency: DC~33GHz  
 VSWR: 1.15 max.  
 Impedance: 50Ω

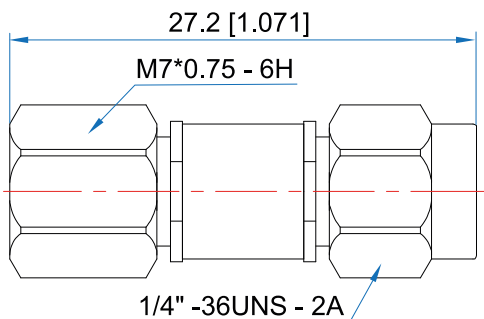
**Environmental**

Temperature: -55~+125 °C

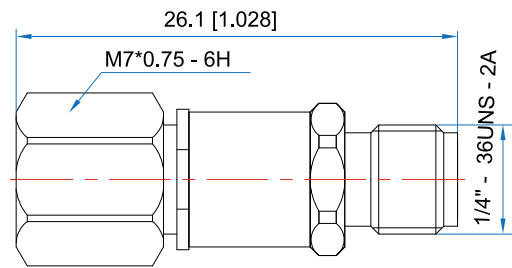
**Mechanical**

RF Connectors: 1.85mm, 3.5mm  
 Mating Life Cycle: 1000 cycles  
 Outer Conductor: SUS303 Stainless Steel, Passivated  
 Dielectric: PEI  
 Inner Conductor: Gold Plated Beryllium Copper

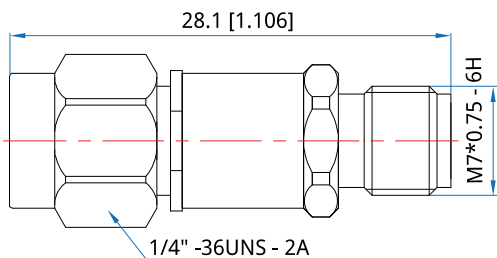
**Outline Drawings**



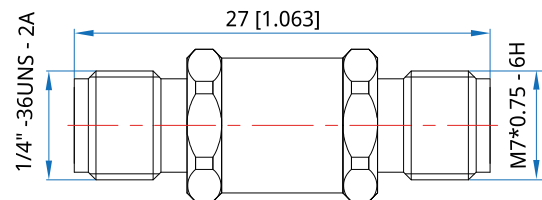
Outline A



Outline B



Outline C



Outline D

Unit: mm [in]  
 Tolerance: ±0.2mm [±0.008in]

**Interface:**

- RFC40-18m-35m:** 1.85mm(m) to 3.5mm(m), Outline A
- RFC40-18m-35f:** 1.85mm(m) to 3.5mm(f), Outline B
- RFC40-18f-35m:** 1.85mm(f) to 3.5mm(m), Outline C
- RFC40-18f-35f:** 1.85mm(f) to 3.5mm(f), Outline D