

RFC18

Coaxial Adapter Series SMA/TNC

Features:

- Low VSWR

Applications:

- Wireless
- Transmitter
- Laboratory Test
- Radar

Electrical

Frequency: DC~18GHz
 VSWR: 1.25 max.
 1.3 max. (TNC female)
 Impedance: 50Ω

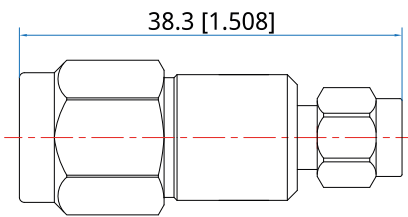
Environmental

Temperature: -50~+85 °C

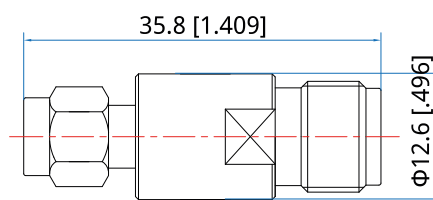
Mechanical

RF Connectors: SMA, TNC
 Mating Life Cycle: 500 cycles
 Outer Conductor: SUS303 Stainless Steel
 Dielectric: PTFE
 Inner Conductor: Gold Plated Beryllium Copper

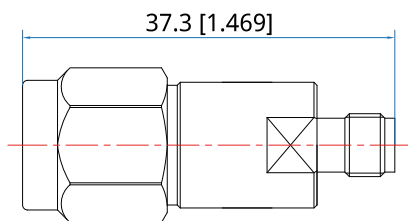
Outline Drawings



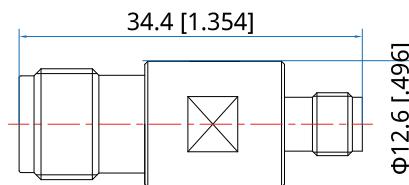
Outline A



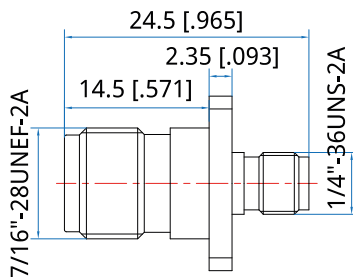
Outline B



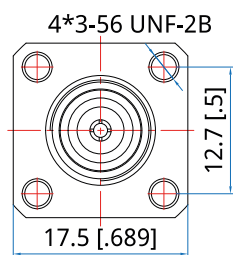
Outline C



Outline D



Outline E



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Interface:

RFC18-Sm-Tm: SMA(m) to TNC(m), Outline A

RFC18-Sm-Tf: SMA(m) to TNC(f), Outline B

RFC18-Sf-Tm: SMA(f) to TNC(m), Outline C

RFC18-Sf-Tf: SMA(f) to TNC(f), Outline D

RFC18-Sf-Tf(FL): SMA(f) to TNC(f), flangemount, Outline E