

RFC-ADT-18

COAXIAL ADAPTERS

Coaxial Adapter Series SMA/N

Features:

- Low VSWR

Applications:

- Wireless
- Transmitter
- Laboratory Test
- Radar

Electrical

Frequency: DC~18GHz
 VSWR: 1.25 max.
 1.3 max. for bulk-head
 Insertion Loss: 0.3dB max.
 Impedance: 50Ω

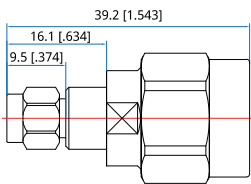
Environmental

Temperature: -50~+85 °C

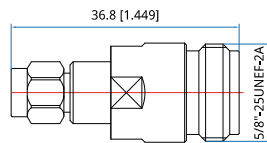
Mechanical

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

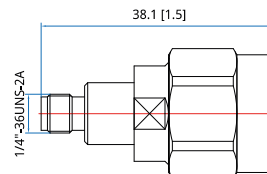
Outline Drawings



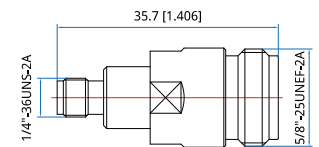
Outline A



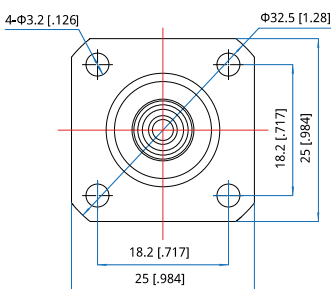
Outline B



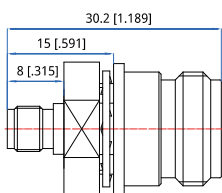
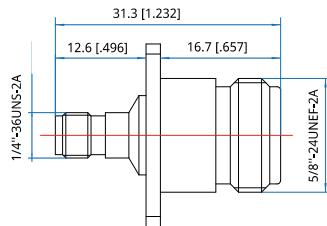
Outline C



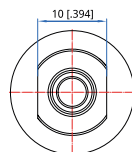
Outline D



Outline E



Outline F



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Interface:

RFC18-Sm-Nm: SMA(m) to N(m), Outline A

RFC18-Sm-Nf: SMA(m) to N(f), Outline B

RFC18-Sf-Nm: SMA(f) to N(m), Outline C

RFC18-Sf-Nf: SMA(f) to N(f), Outline D

RFC18-Sf-Nf(FL): SMA(f) to N(f) flangemount, Outline E

RFC18-Sf-Nf(BH): SMA(f) to N(f) bulkhead, Outline F