

### NATN TNC to N

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

#### Electrical

Frequency:	DC~18GHz
VSWR:	1.2 max. (Outline A, B, C, D) 1.25 max. (Outline E, F, H) 1.3 max. (Outline G)
Insertion Loss:	0.04dB max. 0.1dB max. (right angle)
Dielectric Withstanding Voltage:	2000V RMS
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	3mΩ max.
Impedance of Contact (Outer):	5mΩ max.
Impedance:	50Ω

#### Mechanical

RF Connectors:	TNC N
Mating Life Cycle:	500 cycles
Outer Conductor:	Stainless steel
Dielectric:	PEI (Outline A, B) PEI&PTFE
Inner Conductor:	Gold plated beryllium copper Gold plated beryllium copper & Gold plated brass (right angle)

#### Environmental

Temperature: -55~+165°C

#### How To Order

**NATN-MM** - TNC(m) to N(m), Outline A

**NATN-MF** - TNC(m) to N(f), Outline B

**NATN-FM** - TNC(f) to N(m), Outline C

**NATN-FF** - TNC(f) to N(f), Outline D

**NATNR-MM** - TNC(m) to N(m), right angle, Outline E

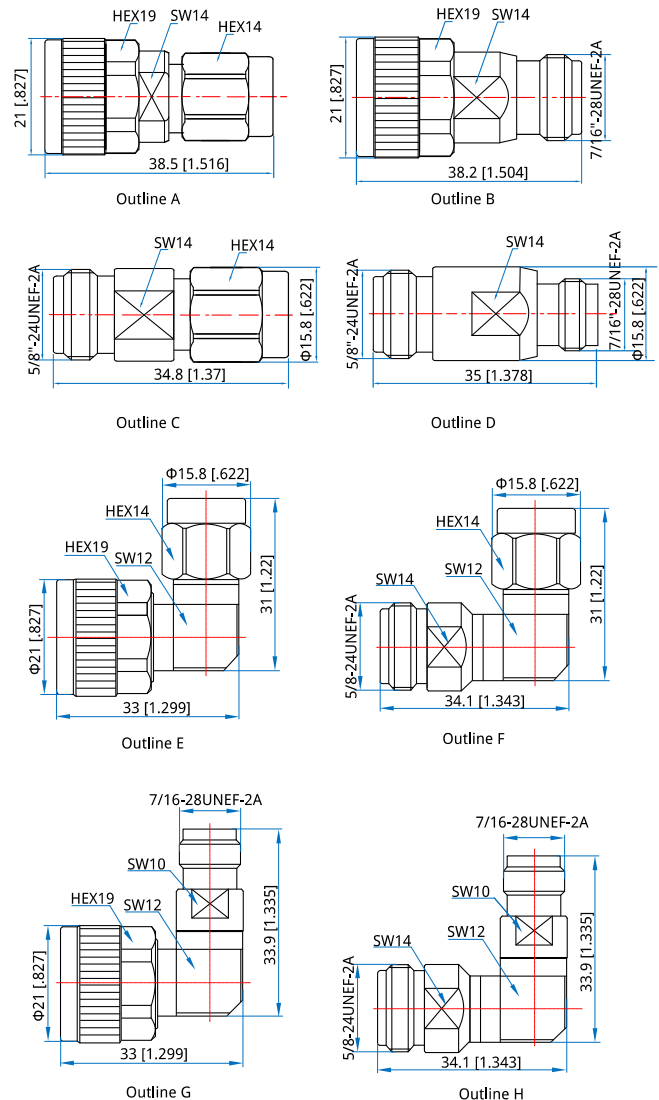
**NATNR-MF** - TNC(m) to N(f), right angle, Outline F

**NATNR-FM** - TNC(f) to N(m), right angle, Outline G

**NATNR-FF** - TNC(f) to N(f), right angle, Outline H

Customization is available upon request.

#### Outline Drawings



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