

## FATT TNC to TNC

Features:  
\* Low VSWR

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



### Electrical

Model	Frequency (GHz)	VSWR
FATT-MM	DC~18	1.2
FATT-MF	DC~18	1.2
FATT-FF	DC~18	1.2
FATTR-MM	DC~18	1.3
FATTR-MF	DC~18	1.3
FATTR-FF	DC~18	1.3
FATTH-FF	DC~11	1.25
FATTL-FF-B	DC~6	1.15
FATTL-FF	DC~18	1.25
FATTT-FMF	DC~4	-
FATTT-FFF	DC~4	-

Dielectric Withstanding Voltage:	1500V RMS, 50Hz, at sea level, min. (Outline J, K)
Working Voltage:	750V RMS, 50Hz, at sea level, max. (Outline J, K)
Impedance of Dielectric:	5000MΩ min. (Outline J, K)
Impedance of Contact (Center):	1.5mΩ max. (Outline J, K)
Impedance of Contact (Outer):	0.2mΩ max. (Outline J, K)
Impedance:	50Ω

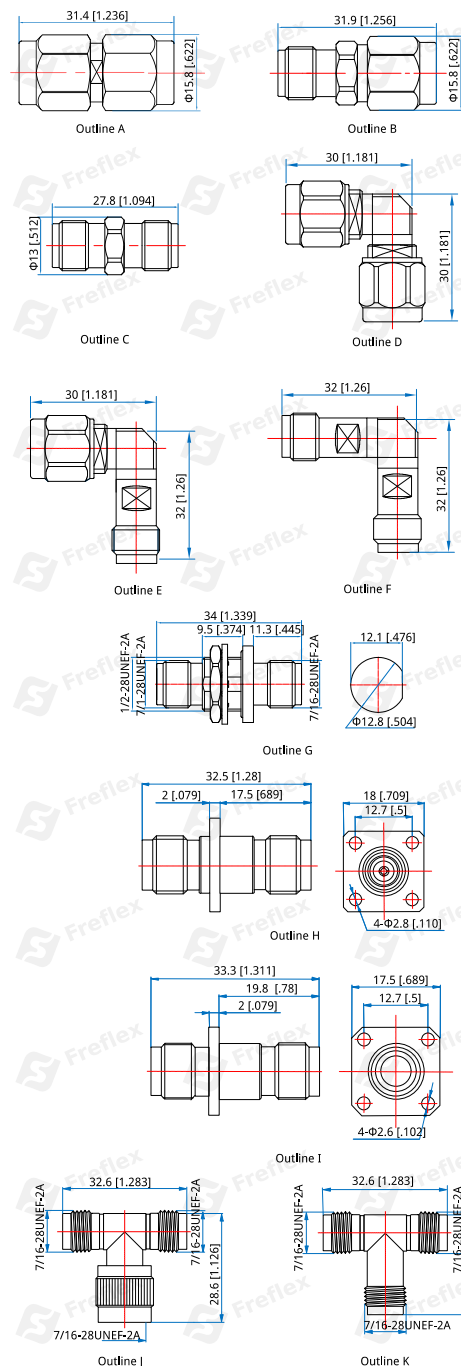
### Mechanical

RF Connectors:	TNC
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated Stainless Steel or Ternary alloy plated brass or Nickel plated gold
Dielectric:	PEI or PTFE
Inner Conductor:	Gold plated beryllium copper or Gold plated brass

### Environmental

Temperature:	-55~+165°C
	-45~+125°C (Outline J, K)

### Outline Drawings



Unit: mm [in]      Tolerance:  $\pm 0.2\text{mm}$  [ $\pm 0.008\text{in}$ ]

**How To Order**

**FATT-MM** - TNC(m) to TNC(m), Outline A

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

**FATT-FF** - TNC(f) to TNC(f), Outline C

**FATTR-MM** - TNC(m) to TNC(m), right angle, Outline D

**FATTR-MF** - TNC(m) to TNC(f), right angle, Outline E

**FATTR-FF** - TNC(f) to TNC(f), right angle, Outline F

**FATTH-FF** - TNC(f) to TNC(f), bulk head, Outline G

**FATTL-FF-B** - TNC(f) to TNC(f), Flange mount, Brass, Outline H

**FATTL-FF** - TNC(f) to TNC(f), Flange mount, Outline I

**FATTT-FMF** - TNC(f) to TNC(m) to TNC(f), Outline J

**FATTT-FFF** - TNC(f) to TNC(f) to TNC(f), Outline K

Customization is available upon request.