Our TNCA connector range offers 50ohms precision connectors. Designed with excellent characteristics over the full frequency range up to 18GHz, the TNCA connector range are also mechanically compatible with TNC connectors.



Key Features:

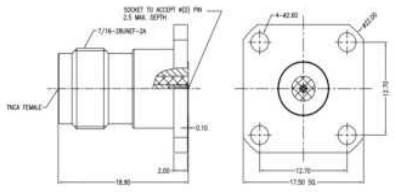
- 50-ohm Impedance
- Insulation resistance >5000MOhm
- Durability >500 Cycles
- Available in Male and Female Threads
- Available in Plug or Jack
- Beryllium Copper Contact Pin
- Body Material available in Stainless Steel Passivation

TNCA Series Socket 4 Hole Flange



RFTNCAA4JFHD

- Max Voltage 500V
- Operating Temperature -65C to +165C
- Frequency Range 0-18GHz
- VSWR <1.30
- Dielectric withstanding Voltage >500V



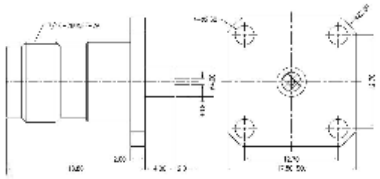
Part Number	Plug or Jack	Flange Mount Length	Mount Hole Distance	Socket Diameter
RFTNCAA4JFHD	Jack	17.50mm	12.70mm	0.46mm
RFTNCAA4JFHE	Jack	17.50mm	12.70mm	0.51mm
RFTNCAA4JFHF	Jack	17.50mm	12.70mm	0.91mm
RFTNCAA4JCCD	Jack	12.70mm	8.60mm	0.46mm
RFTNCAA4JCCE	Jack	12.70mm	8.60mm	0.51mm
RFTNCAA4JCCF	Jack	12.70mm	8.60mm	0.91mm
RFTNCAA4PFHD	Plug	17.50mm	12.70mm	0.46mm
RFTNCAA4PFHE	Plug	17.50mm	12.70mm	0.51mm
RFTNCAA4PFHF	Plug	17.50mm	12.70mm	0.91mm

TNCA Series Pin with Extended PTFE 4 Hole Flange



RFTNCAA4JFHFFGE

- Max Voltage 500V
- Operating Temperature -65C to +165C
- Frequency Range 0-11GHz
- VSWR <1.30
- Dielectric withstanding Voltage >1500V
- Available with Extended PTFE
- Flange Mount Length 17.50mm
- Mount Hole Distance 12.70mm



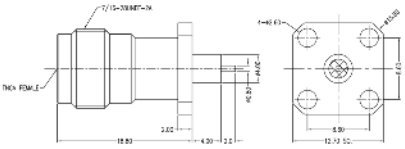
Part Number	Plug or Jack	Pin Diameter	Pin Length	Extended PTFE Diameter	Extended PTFE Length
RFTNCAA4JFHFFGE	Jack	0.80mm	2.00mm	4.00mm	4.00mm

TNCA Series Pin with Extended PTFE 4 Hole Flange



RFTNCAA4JCCFFGE

- Max Voltage 500V
- Operating Temperature -65C to +165C
- Frequency Range 0-11GHz
- VSWR <1.30
- Dielectric withstanding Voltage >1500V
- Available with Extended PTFE
- Flange Mount Length 12.70mm
- Mount Hole Distance 8.60mm



Part Number	Plug or Jack	Pin Diameter	Pin Length	Extended PTFE Diameter	Extended PTFE Length
RFTNCAA4JCCFFGE	Jack	0.80mm	2.00mm	4.00mm	4.00mm

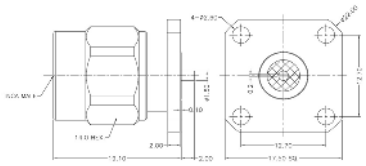
TNCA Series

TNCA Series Pin without Extended PTFE 4 Hole Flange:



RFTNCAA4PFHMF

- Max Voltage 500V
- Operating Temperature -65C to +165C
- Frequency Range 0-11GHz
- VSWR <1.30
- Dielectric withstanding Voltage >1500V
- Available with Extended PTFE



Part Number	Plug or Jack	Flange Mount Length	Mount Hole Distance	Pin Diameter	Pin Length
RFTNCAA4JFHMF	Jack	17.50mm	12.70mm	1.50mm	2.00mm
RFTNCAA4JCCMF	Jack	12.70mm	8.60mm	1.50mm	2.00mm
RFTNCAA4PFHMF	Plug	17.50mm	12.70mm	1.50mm	2.00mm

Electrical:

Insulation Resistance:	>5000MOhm
Impedance:	50Ohm
Centre Contact Resistance:	TNCA
Outer Contact Resistance:	<0.2mOhms

Mechanical:

Centre Contact Retention:	>20N
Coupling Torque:	0.80Nm to 1.10Nm
Coupling Torque RPC N:	1.36Nm
Cycles:	>500

Material

Body:	Passivation of Stainless Steel, Brass with Gold Plating
Contact:	Beryllium Copper
Insulator:	Adapter ASTM D 1710 & PEI
RoHS:	Compliant