

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
- O Insulation resistance >5000MOhm
- O Durability >500 Cycles
- O Available in Male and Female Threads
- Available in Plug or Jack

- O Beryllium Copper Contact Pin
- O Body Material available in Stainless Steel Passivation

RFTNCAA4JCCFFGE

Jack

0.80mm



TNCA Series Socket 4 Hole Flange O Max Voltage 500V SOCKET TO ACCEPT #(D) PIN 2.5 MAX. DEPTH  $\bigcirc$ Operating Temperature -65C to +165C  $\bigcirc$ Frequency Range 0-18GHz VSWR < 1.30 O Dielectric withstanding Voltage >500V RFTNCAA4JFHD **Part Number Plug or Jack** Flange Mount Length **Mount Hole Distance** Socket Diameter 17.50mm 17.50mm RFTNCAA4JFHD 12.70mm 0.46mm Jack **RFTNCAA4JFHE** 12.70mm 0.51mm Jack 12.70mm RFTNCAA4JFHF 17.50mm 0.91mm Jack RFTNCAA4JCCD 8.60mm 8.60mm 12.70mm 0.46mm Jack RFTNCAA4JCCE 12.70mm 0.51mm Jack RFTNCAA4JCCF 12.70mm 17.50mm 8.60mm 12.70mm 0.91mm Jack 0.46mm RFTNCAA4PFHD Plug RFTNCAA4PFHE Plug 17.50mm 12.70mm 0.51mm RFTNCAA4PFHF Plug 17.50mm 12.70mm 0.91mm TNCA Series Pin with Extended Max Voltage 500V PTFE 4 Hole Flange Operating Temperature -65C to +165C  $\bigcirc$  $\oplus$ Frequency Range 0-11GHz  $\bigcirc$ VSWR <1.30 ○ Dielectric withstanding Voltage >1500V Available with Extended PTFE Flange Mount Length 17.50mm Mount Hole Distance 12.70mm RFTNCAA4JFHFFGE Part Number **Pin Diameter Pin Length Extended PTFE Diameter Extended PTFE Length Plug or Jack** RFTNCAA4JFHFFGE 0.80mm 4.00mm 4.00mm 2.00mm Jack

Part Number	Plug or Jack	Pin Diameter	Pin Length	Extended	PTFE Diameter	Extended PTFE Length
TNCA Series Pin with I PTFE 4 Hole Flange	Extended	<ul> <li>Operatin</li> <li>Frequence</li> <li>VSWR </li> <li>Dielectrice</li> <li>Available</li> <li>Flange M</li> </ul>	age 500V g Temperature -65 cy Range 0-11GHz 1.30 c withstanding Volt e with Extended PT fount Length 12.70 ole Distance 8.60r	age >1500V FE 0mm	7/14-38.007-38	

2.00mm

4.00mm

4.00mm

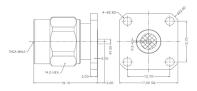


TNCA Series Pin without Extended PTFE 4 Hole Flange:



## O Max Voltage 500V

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



#### RFTNCAA4PFHMF

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

# Radio Frequency Connectors



Electrical:		Mechanical:		
Insulation Resistance:	>5000MOhm	Centre Contact Retention:	>20N	
Impedance: Centre Contact Resistance:	500hm TNCA	Coupling Torque:	0.80Nm to 1.10Nm	
Outer Contact Resistance:	<0.2mQhms	Coupling Torque RPC N:	1.36Nm	
Outer Contact nesistance.	<u><u><u></u></u>(2,2))()))))))))))))))))))))))))))))))</u>	Cycles:	>500	

## Material

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