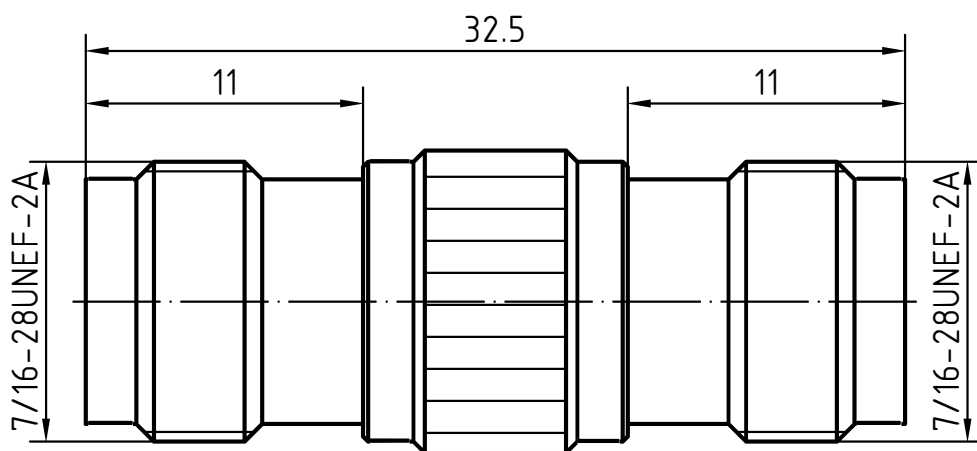


## DRAWING



|         |          |                                                  |                             |                       |
|---------|----------|--------------------------------------------------|-----------------------------|-----------------------|
| 3       | 1        | Body                                             | Brass/Nickel plated         |                       |
| 2       | 1        | Insulator                                        | PTFE                        |                       |
| 1       | 1        | Centor contactor                                 | Phosphor bronze/Gold plated |                       |
| Itemref | Quantity | Title/Name, designation, material, dimension etc |                             | Article No./Reference |

Designed by  
Xio Xang

Checked by  
Jing Lo

Approvedby  
Jing Chan

File name  
TNC\_TNC-2210

Date  
12.08.30

Scale  
3 : 1

**RF CONNEC**

**TNC\_TNC-2210**

Edition  
1.0

Sheet  
1/1

# CHARACTERISTICS

DESCRIPTION:

ADAPTOR TNC JACK TO JACK

## Electrical data:

|                                                  |                                         |
|--------------------------------------------------|-----------------------------------------|
| Impedance:                                       | 50 ohm                                  |
| Frequency range:                                 | DC to 10 GHz                            |
| VSWR:                                            | $\leq 1.10 + 0.03 \times f[\text{GHz}]$ |
| Insertion loss:                                  | $\leq 0.35\text{dB}$ , DC-6GHz          |
| Insulation resistance:                           | $\geq 5000\text{M}\Omega$               |
| Test voltage:                                    | 1500 V rms                              |
| Working voltage:                                 | 500 V rms                               |
| Contact resistance:                              |                                         |
| 1). Centre contact:                              | 1.5 m $\Omega$                          |
| 2). Outer conductor:                             | 1.0 m $\Omega$                          |
| Power handling (at 20 ° C, sea level, VSWR 1.0): | $\leq 80 \text{ W @ } 2 \text{ GHz}$    |

## Environmental data:

|                     |                     |
|---------------------|---------------------|
| Temperature rating: | -65 ° C to +165 ° C |
| 2002/95/EC (RoHS):  | Compliant           |

## Mechanical data:

|                             |                            |
|-----------------------------|----------------------------|
| Mating cycles:              | $\geq 500$                 |
| Center contact captivation: | $\geq 15 \text{ N(axial)}$ |
| Coupling test torque:       | $\leq 1.7 \text{ Nm}$      |
| Recommended torque:         | 0.8 Nm to 1.1 Nm           |

## Suitable cables:

N/A