


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

Designed by Xio Xang	Checked by Jing Lo	Approved by Jing Chan	File name TNC_TNC-2210	Date 12.08.30	Scale 3:1
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	<b>TNC_TNC-2210</b>		
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# CHARACTERISTICS

DESCRIPTION: ADAPTOR TNC JACK TO JACK

## Electrical data:

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

## Environmental data:

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

## Mechanical data:

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

## Suitable cables:

N/A