



5	1	Locknut	Brass/Nickel plated	Nickel 5m over Copper 2um	
4	1	Lockwasher	Phosphor bronze/Nickel plated	Nickel 5m over Copper 2um	
3	1	Body	Brass/Nickel plated	Nickel 5m over Copper 2um	
2	1	Insulator	PTFE		
1	1	Center contact	Phosphor bronze/Gold plated	Gold 0.2um over Nickel 2m	
Itemref	Quantity	Title/Name, designation, material, dimension etc			Article No./Reference
Designed by Mingang Han		Checked by Kintong Gu	Approved by - date Hongyu Du	File name TNC-KYK	Date 08.01.19
Amitron Electronics, Ltd.			Title: TNC-KYK		
			Customer drawing No.:		Edition 1.0
			Sheet 1/1		

CHARACTERISTICS

DESCRIPTION: TNC jack to jack adaptor

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 10 GHz</i>
<i>Return loss:</i>	<i>≥30dB, DC-2.5GHz</i> <i>≥20dB, 2.5-6GHz</i>
<i>Insertion loss:</i>	<i>≤0.15dB, DC-6GHz</i>
<i>Insulation resistance:</i>	<i>≥5000MΩ</i>
<i>Test voltage:</i>	<i>1500 V rms</i>
<i>Working voltage:</i>	<i>500 V rms</i>
<i>Contact resistance:</i>	
1). <i>Centre contact:</i>	<i>1.5 mΩ</i>
2). <i>Outer conductor:</i>	<i>1.0 mΩ</i>
<i>Power handling (at 20 ° C, sea level, VSWR 1.0):</i>	<i>≤ 80 W @ 2 GHz</i>

Environmental data:

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

Mechanical data:

<i>Mating cycles:</i>	<i>≥500</i>
<i>Center contact captivation:</i>	<i>≥15 N(axial)</i>
<i>Coupling test torque:</i>	<i>≤1.7 Nm</i>
<i>Recommended torque:</i>	<i>0.46 Nm to 0.69 Nm</i>

Suitable cables:

N/A