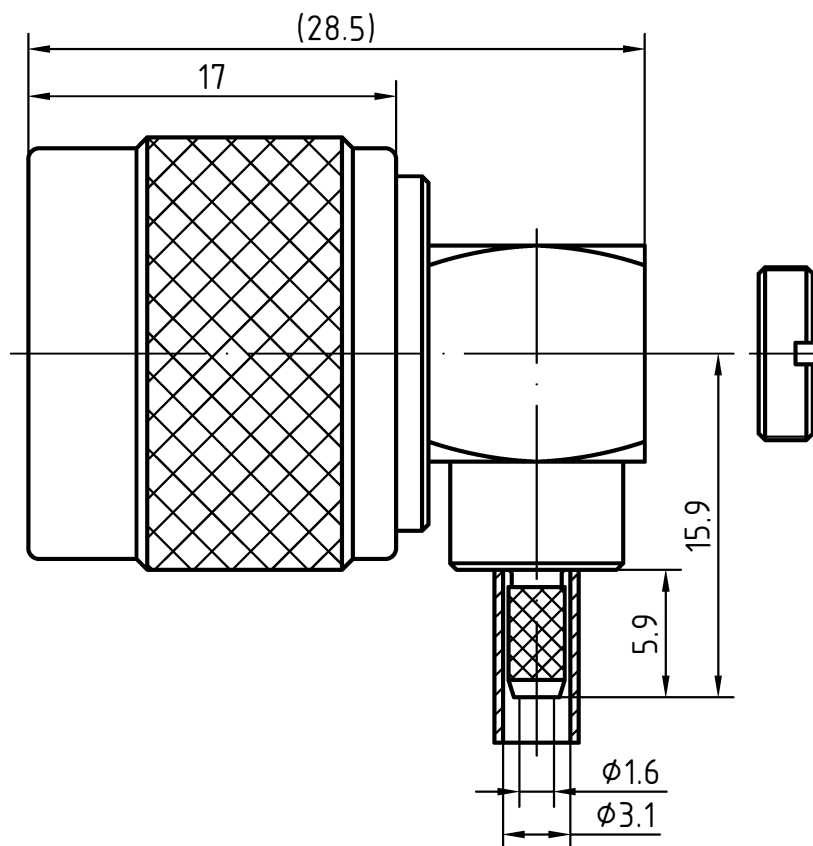
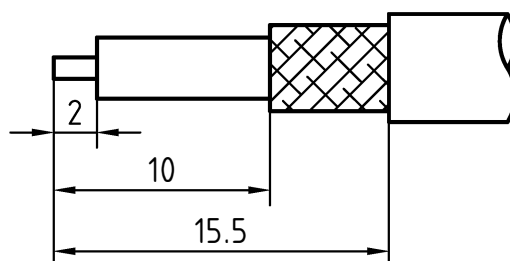


DRAWING



CABLE(RG174A/U,RG188A/U,RG316/U)



5	1	Gasket	Silicon rubber	
4	1	Coupling nut	Brass/Nickel plated	Nickel 7.0um over Copper 2.0um
3	1	Body	Brass/Nickel plated	Nickel 7.0um over Copper 2.0um
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	Gold 0.3um over Nickel 2.0um
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by
xio XangChecked by
Jing LoApproved by - date
Jing ChanFile name
N-111200ADate
10.07.13Scale
3 : 1**RF CONNEC****N-111200A**Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

N Type male R/A connector

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 11.0 GHz</i>
<i>Return loss:</i>	<i>≥30dB, DC-2GHz</i> <i>≥20dB, 2-4GHz</i> <i>≥17.2dB, 4-6GHz</i>
<i>Insertion loss:</i>	<i>≤0.20 X $\sqrt{f[\text{GHz}]}$ dB, DC-6GHz</i>
<i>Insulation resistance:</i>	<i>≥5000MΩ</i>
<i>Test voltage:</i>	<i>2500 V rms</i>
<i>Working voltage:</i>	<i>1400 V rms</i>
<i>Contact resistance:</i>	
1). <i>Centre contact:</i>	<i>1.0 mΩ</i>
2). <i>Outer conductor:</i>	<i>0.25 mΩ</i>
<i>Power handling (at 20 ° C, sea level, VSWR 1.0):</i>	<i>1000 W @ 1 GHz</i> <i>700 W @ 2 GHz</i>

Environmental data:

<i>Temperature rating:</i>	<i>-55 ° C to +155 ° 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>≥28N(axial)</i>
<i>Coupling test torque:</i>	<i>≤1.7 Nm</i>
<i>Recommended torque:</i>	<i>0.7 Nm to 1.1 Nm</i>

Suitable cables:

RG174/U,RG316/U