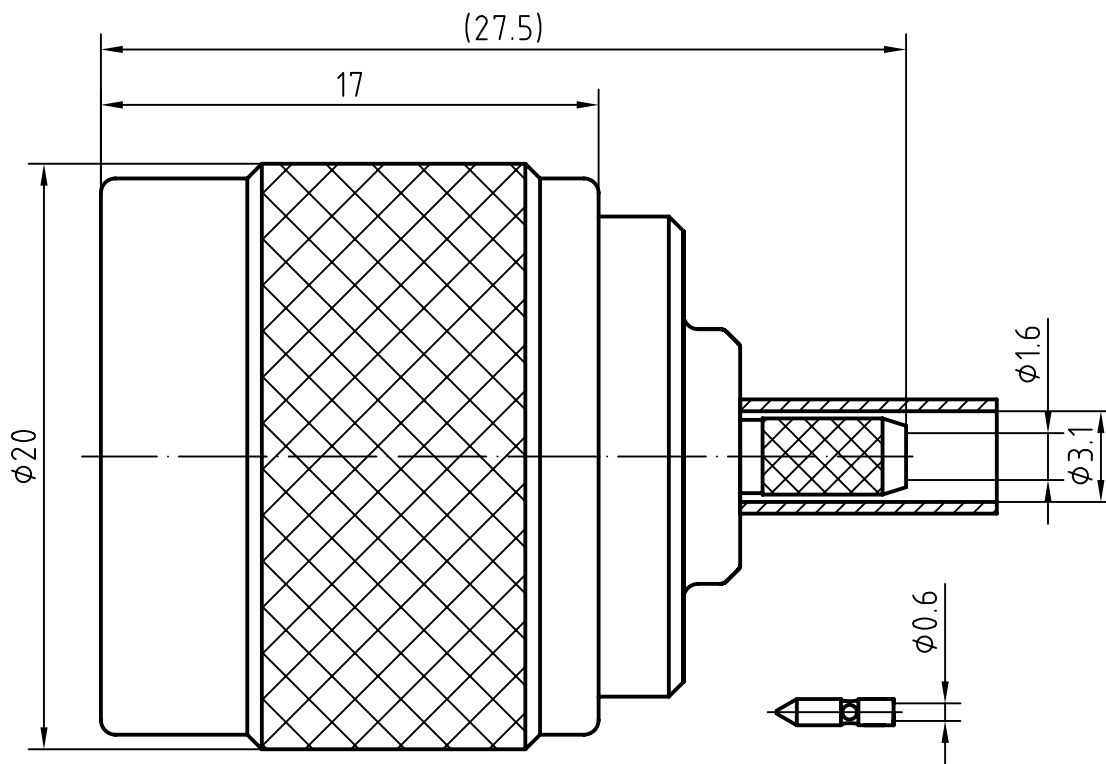
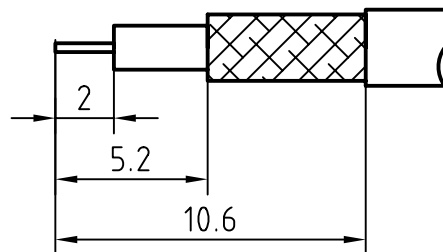




CABLE(RG174/U,RG316/U)



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

Designed by
xio xangChecked by
jing loApproved by - date
jing chanFile name
N-111100ADate
06.03.16Scale
6 : 1**RF CONNEC**

N-111100A

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

N Type male connector

Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 11 GHz
<i>Return loss:</i>	$\geq 28\text{dB}$, DC to 2.5 GHz $\geq 23\text{dB}$, 2.5 to 4 GHz $\geq 18\text{dB}$, 4 to 8 GHz
<i>Insertion loss:</i>	$\leq 0.06X\sqrt{f[\text{GHz}]}$ dB
<i>Insulation resistance:</i>	$\geq 5000\text{M}\Omega$
<i>Test voltage:</i>	2500 V rms
<i>Working voltage:</i>	1400 V rms
<i>Contact resistance:</i>	
1). Centre contact:	1.0 m Ω
2). Outer conductor:	0.25 m Ω
<i>Power handling (at 20 ° C, sea level, VSWR 1.0):</i>	1000 W @ 1 GHz 700 W @ 2 GHz

Environmental data:

<i>Temperature rating:</i>	-55 ° C to +155 ° C
<i>2002/95/EC (RoHS):</i>	Compliant

Mechanical data:

<i>Mating cycles:</i>	≥ 500
<i>Center contact captivation:</i>	$\geq 28\text{N}(\text{axial})$
<i>Coupling test torque:</i>	≤ 1.7 Nm
<i>Recommended torque:</i>	0.7 Nm to 1.1 Nm

Suitable cables:

RG174/U, RG316/U