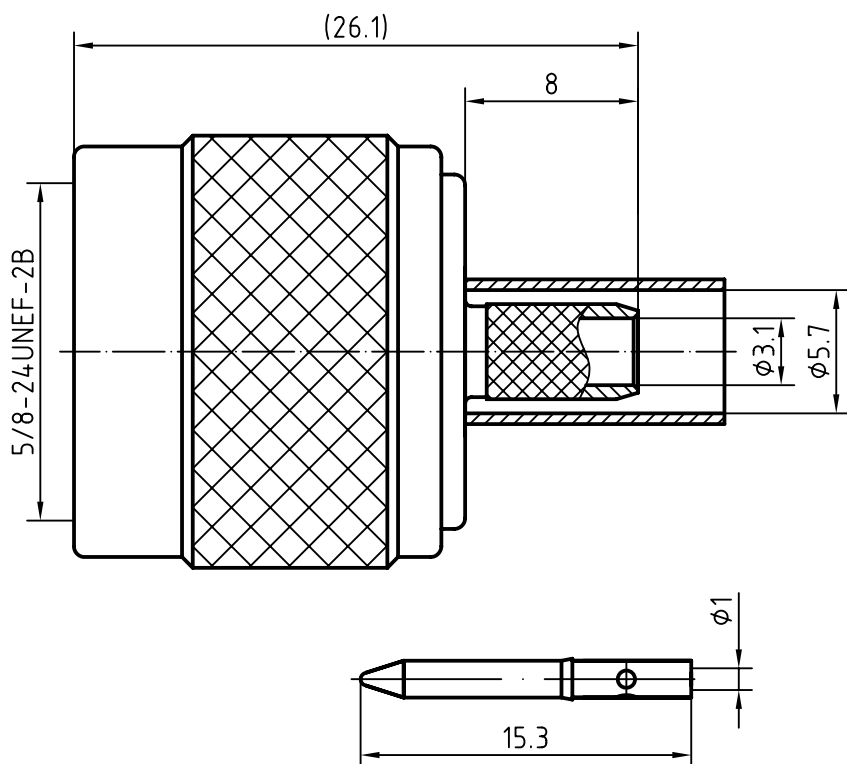
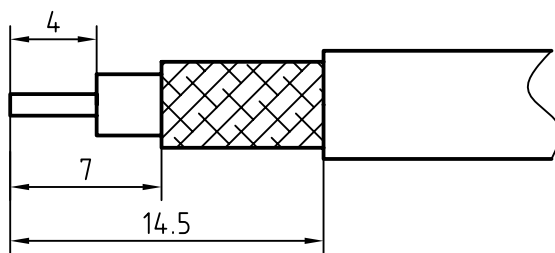




CABLE(RG142B/U,RG223/U,RG400/U)



5	1	O ring	Silicon rubber	
4	1	Coupling nut	Brass/Nickel plated	
3	1	Insulator	PTFE	
2	1	Center contact	Brass/Gold plated	
1	1	Body	Brass/Nickel 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-111100BDate
07.07.17Scale
6 : 1**RF****CONNEX**

N-111100B

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

N Type male connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 11 GHz
Return loss(LMR195):	≥35dB, DC-1GHz ≥28dB, 1-2GHz ≥18dB, 2-6GHz
Insertion loss(LMR195):	≤0.25dB, DC-6GHz
Insulation resistance:	≥5000MΩ
Test voltage:	2500 V rms
Working voltage:	1400 V rms
Contact resistance:	
1). Centre contact:	1.0 mΩ
2). Outer conductor:	0.25 mΩ
Power handling (at 20 °C, sea level, VSWR 1.0):	1000 W @ 1 GHz 700 W @ 2 GHz
RF-leakage:	≥ 128 dB up to 1 GHz
<i>- Limitations are possible due to the used cable type -</i>	

Environmental data:

Temperature rating:	-55 °C to 155 °C
52/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	≥500
Coupling nut retention:	≥ 450 N
Coupling test torque:	≤1.7 Nm
Recommended torque:	0.7 Nm to 1.1 Nm

Suitable cables:

RG142B/U, RG223/U, RG400/U