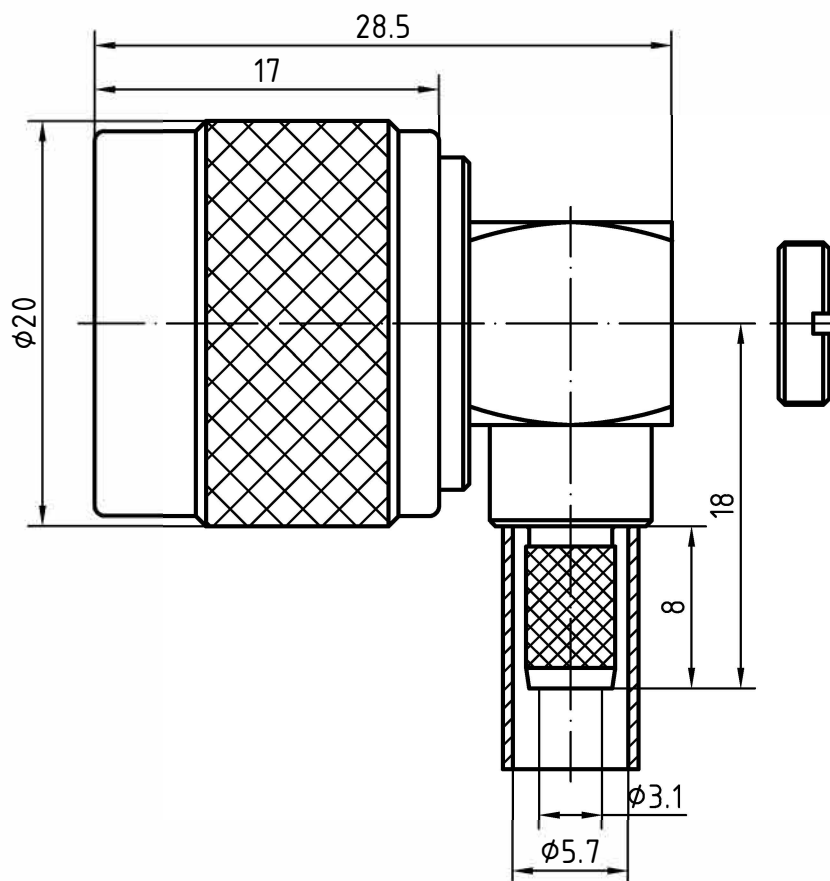
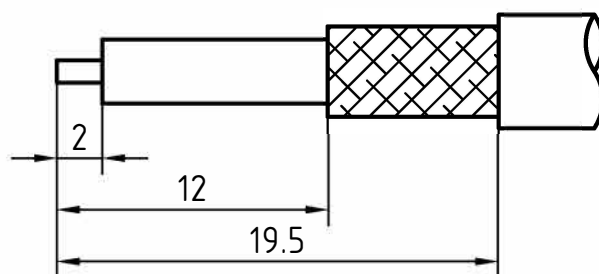




CABLE(RG142B/U, RG223/U, RG400/U)



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

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
N-111200BDate
06.07.17Scale
4 : 1

N-111200B

Edition
1.0Sheet
1/1

DESCRIPTION:	N Type male R/A connector
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Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 11 GHz
Return loss(LMR195):	$\leq 1.10 + 0.06 \times f \text{ (GHz)}$
Insertion loss(LMR195):	$\leq 0.15 \times \sqrt{f[\text{GHz}]} \text{ dB}$
Insulation resistance:	$\geq 5000 \text{ M}\Omega$
Test voltage:	2500 V rms
Working voltage:	1400 V rms
Contact resistance:	
1). Centre contact:	1.0 m Ω
2). Outer conductor:	0.25 m Ω
Power handling (at 20 °C, sea level, VSWR 1.0):	1000 W @ 1 GHz 700 W @ 2 GHz
RF-leakage:	$\geq 128 \text{ dB up to 1 GHz}$
- Limitations are possible due to the used cable type -	

Environmental data:

Temperature rating:	-65 ° C to +165 ° C
52/95/EC (RoHS):	Compliant

Mechanical data:

Mating cycles:	≥ 500
Coupling nut retention:	$\geq 450 \text{ N}$
Coupling test torque:	$\leq 1.7 \text{ Nm}$
Recommended torque:	0.7 Nm to 1.1 Nm

Suitable cables:

RG142B/U, RG223/U, RG400/U