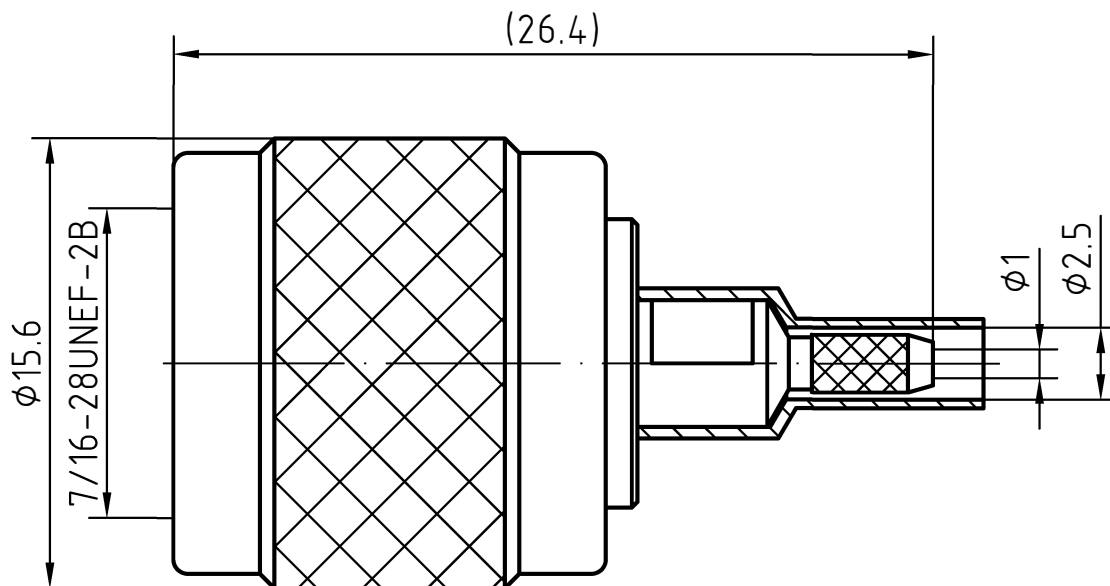
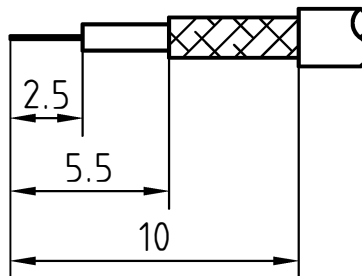


DRAWING



CABLE(RG178/U,RG196/U)



6	1	Ferrule	Copper/Nickel plated	
5	1	O ring	Silicone 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
TNC-111100CDate
07.01.26Scale
5 : 1**RF CONNEC****TNC-111100C**Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

TNC Type male connector

Electrical data:

Impedance:	50 Ω
Frequency range:	DC to 10.0 GHz
VSWR:	$\leq 1.10 + 0.05 \times f[\text{GHz}]$
Insertion loss:	$\leq 0.25 \times \sqrt{f[\text{GHz}]} \text{ dB}$
Insulation resistance:	$\geq 5000 \text{ M}\Omega$
Test voltage:	1500 V rms
Working voltage:	500 V rms
Contact resistance:	
1). Centre contact:	1.5 m Ω
2). Outer conductor:	1.0 m Ω
Power handling (at 20 °C, sea level, VSWR 1.0):	$\leq 80 \text{ W @ } 2 \text{ GHz}$

Environmental data:

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

Mechanical data:

Mating cycles:	≥ 500
Center contact captivation:	$\geq 15 \text{ N(axial)}$
Coupling test torque:	$\leq 1.7 \text{ Nm}$
Recommended torque:	0. 46Nm to 0.69 Nm

Suitable cables:

RG178/U, RG196/U