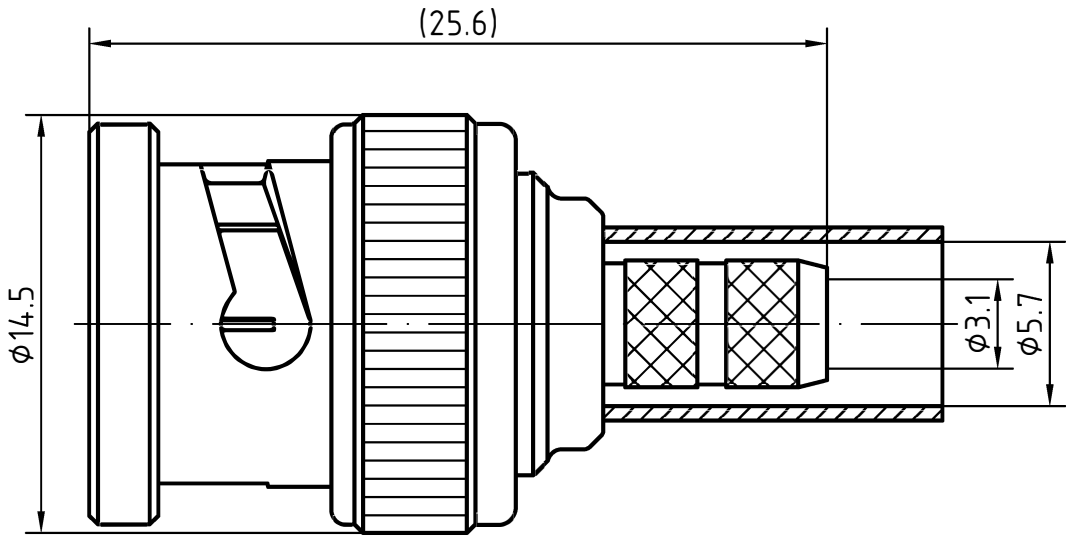
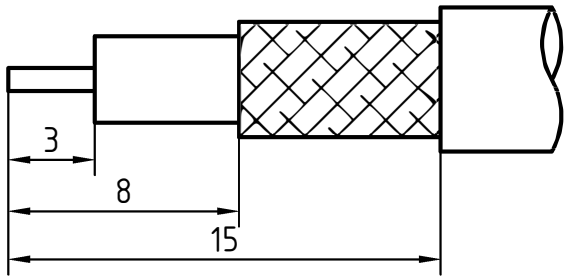
DRAWING



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



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

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang	Jing Lo	Jing Chan	BNC-111100B	06.03.25	1 : 1

RF CONNEC
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BNC-111100B

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	BNC Type male connector

Electrical characteristics:

Impedance:	50 ohm
Frequency range:	DC to 4 GHz
Return loss:	≥30dB, DC-1GHz
	≥25dB, 1-2GHz
	≥18dB, 2-4GHz
Insertion loss:	$\leq 0.05 X\sqrt{f\,[GHz]}$ dB
Insulation resistance:	≥5000MΩ
Test voltage:	1500 V rms
Working voltage:	400 V rms
Contact resistance:	
1). Centre contact:	1.5 mΩ
2). Outer conductor:	1.0 mΩ
Power handling (at 20 °C, sea level, VSWR 1.0):	80 W @ 2 GHz

- Limitations are possible due to the used cable type -

Environmental data:

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

Mechanical data:

Mating cycles:	≥500
Center contact captivation:	≥ 15 N(axial)

Suitable cables:

RG142B/U, RG223/U, RG400/U