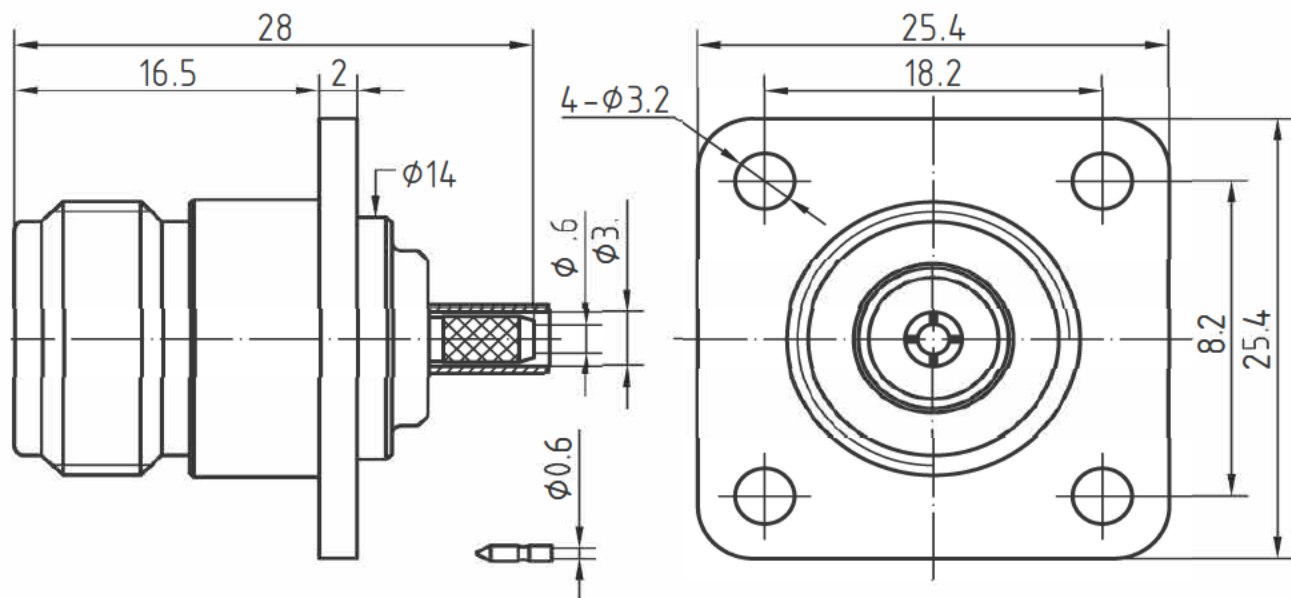
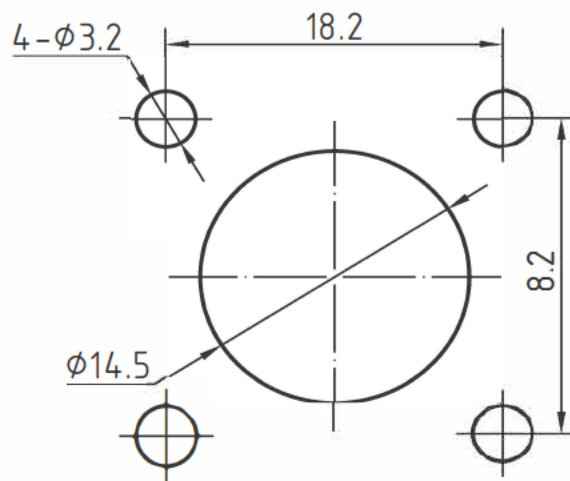
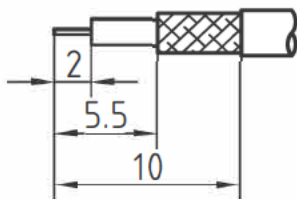


DRAWING



CABLE(RG174/U,RG316/U,LMR100)

MOUNTING HOLE



3	1	Body	Brass/Nickel plated	
2	1	Insulator	PTFE	
1	1	Center contact	Phosphor bronze/Gold plated	
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference
Designed by Xio Xang	Checked by Jing Lo	Approved by Jing Chan	File name N-112140A	Date 06.02.20
		N-112140A		
		Edition 1.0	Sheet 1/1	

CHARACTERISTICS

DESCRIPTION: N Type female FL connector

Electrical data:

Impedance: 50 ohm
 Frequency range: DC to 11.0 GHz
 VSWR: $\leq 1.05 + 0.06 \times f[\text{GHz}]$
 Insertion loss: $\leq 0.20 \times \sqrt{f[\text{GHz}]} \text{ dB}$
 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

Environmental data:

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

Mechanical data:

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

Suitable cables:

RG174/U, RG316/U, LMR100