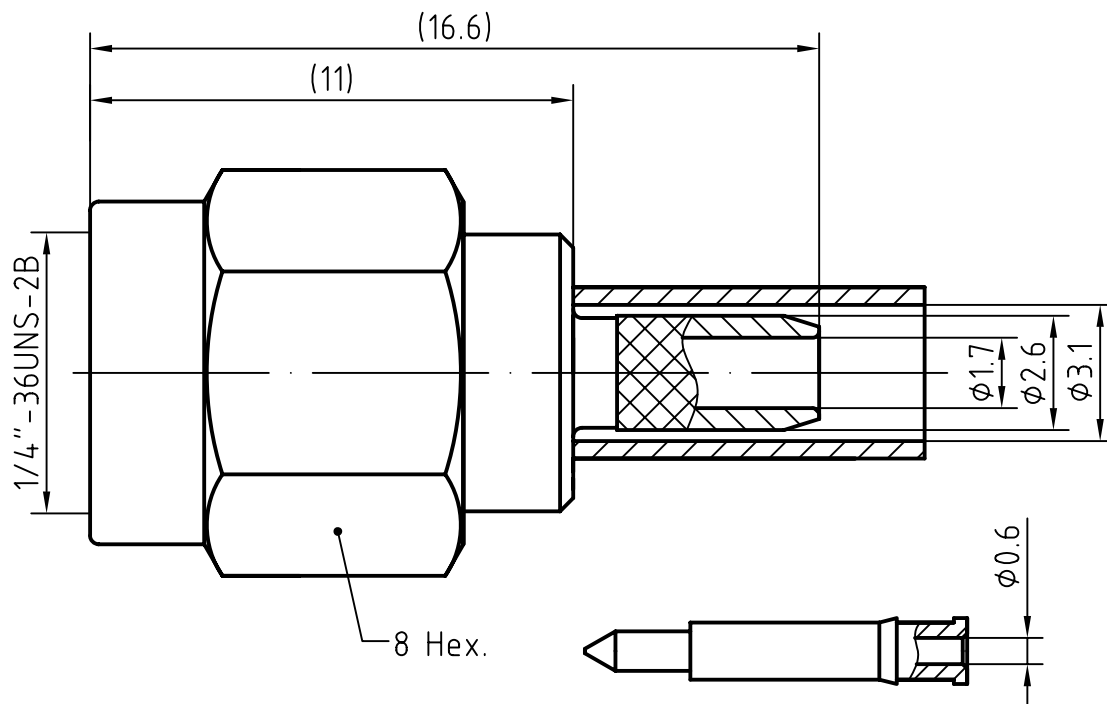
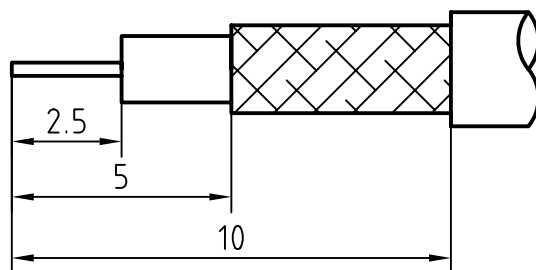




CABLE(RG174 A/U, RG188A/U, RG316/U)



6	1	Ferrule	Copper alloy/Nickel plated	
5	1	O ring	Silicon rubber	
4	1	Coupling nut	Brass/Gold plated	Gold 0.2um over Nickel 2um
3	1	Body	Brass/Gold plated	Gold 0.2um over Nickel 2um
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	Gold 0.5um over Nickel 2um
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by
Xio XangChecked by
Jing LoApproved by - date
Jing ChanFile name
SMA-111100ADate
07.07.18Scale
6 : 1

SMA-111100A

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION: SMA Type male connector

Electrical data:

Impedance: 50 ohm
Frequency range: DC to 12.4 GHz
VSWR: $< 1.08 + 0.04 \times f \text{ [GHz]}$
Insertion loss: $< 0.15 \times \sqrt{f \text{ [GHz]}}$ dB
Insulation resistance: 5000M Ω
Test voltage: 1000 V rms
Working voltage: 480 V rms
Contact resistance:
 1). Centre contact: 3.0 m Ω
 2). Outer conductor: 2.5 m Ω
Power handling (at 20 ° C, sea level, VSWR 1.0): < 200 W @ 2 GHz
RF-leakage: > 100 dB up to 1 GHz

Environmental data:

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

Mechanical data:

Mating cycles: > 500
Coupling nut retention: > 270 N
Center contact captivation: > 27 N(axial)
Coupling test torque: < 1.1 Nm
Recommended torque: 0.46 Nm to 0.69 Nm
Suitable cables: RG174A/U, RG188A/U, RG316/U