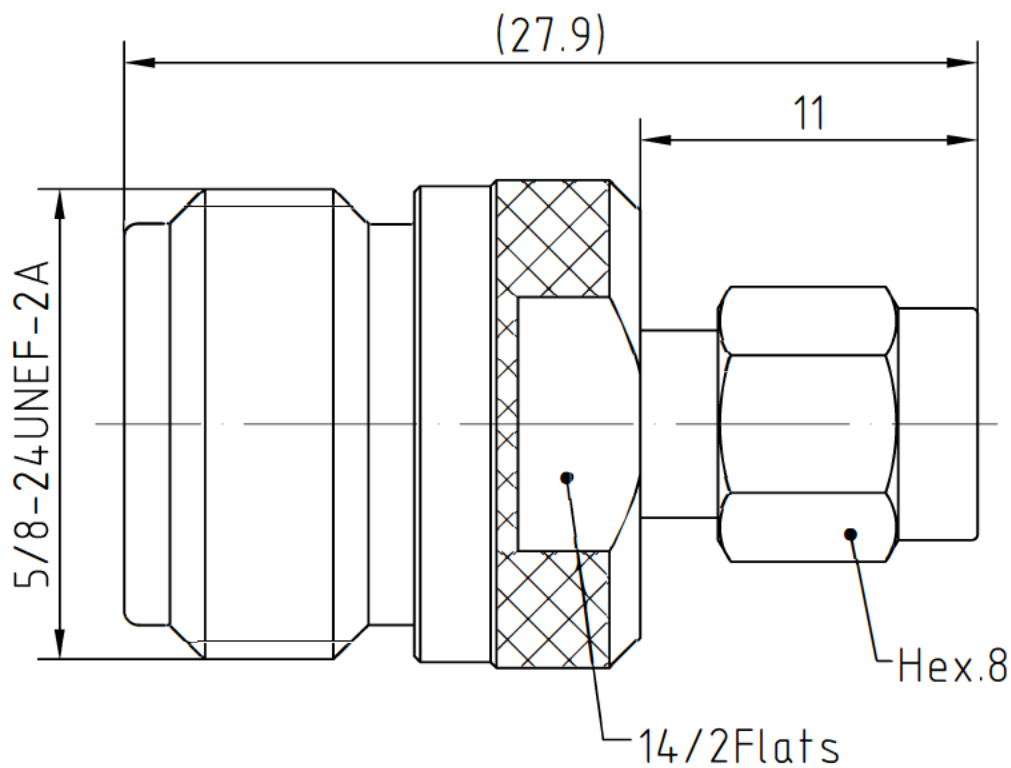


DRAWING



5	1	O ring	Silicone rubber	
4	1	Coupling nut(SMA)	Brass/Gold plated	
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 XangChecked by
Jing LoApproved by
Jing ChanFile name
N_SMA-2110Date
6.09.10Scale
1:1**RF CONNEC**
excellent way of connect

N_SMA-2110

Edition
2.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

ADAPTOR N JACK TO SMA PLUG

Electrical data:

Impedance:	50 ohm	
Frequency range:	DC to 6.0 GHz	
VSWR:	$\leq 1.25:1$	
Insertion loss:	$\leq 0.35\text{dB}$	
Insulation resistance:	$\geq 5000\text{M}\Omega$	
Test voltage:	1000 V rms	
Working voltage:	480 V rms	
Contact resistance:		
1). Centre contact:	1.0 m Ω N side	3.0 m Ω SMA side
2). Outer conductor:	0.25 m Ω N side	2.5 m Ω SMA side

Environmental data:

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

Mechanical data:

	N side	SMA side
Mating cycles:	≥ 500	≥ 500
Center contact captivation:	$\geq 27\text{ N(axial)}$	$\geq 27\text{ N(axial)}$
Coupling nut retention:	$\geq 450\text{ N}$	$\geq 270\text{ N}$
Recommended torque:	0.7 Nm to 1.1 Nm	0.46 Nm to 0.69 Nm

Suitable cables:

N/A