



Reference standard IEC60169-4

I、Electric Performance

Nominal Impedance(Ω): 50
 Frequency Range: DC-3GHz
 VSWR: ≤ 1.08
 PIM(dBc) ≤ -160
 Insert Loss: ≤ 0.05
 Insulation resistance ($M\Omega$) > 10000
 Proof voltage (V) 2500
 Conductor resistance ($m\Omega$) outer conductor < 0.2
 inner conductor < 0.8

II、Mechanical Performance

(Nut) Whorl pull 500N
 Vibration IEC60068-2-6Fc

III、Material and plating :

Material: inner conductor: Beryllium brone Plating Ag $>5\mu m$
 outer conductor : Brass Plating Copper r-fin-zin $2\mu m$
 nut: Brass plating Ni $>5\mu m$
 gasket: Silicone rubber
 insulator: TPX

IV、Environment

Temp.range $-40^{\circ}C \sim +85^{\circ}C$
 Weather standard IEC 60068 40 / 085/ 21
 Waterproofing standard IP68

V、Assembly: inner and outer conductor installed

VI、Product Introduction

1.General Information

This connector is used for 1/2"H in the field of wireless communication and the impedance is 50 Ω .

2.Packaging and Storage

It is packed in special plastic bag, and then it is packed in the small box together with Assembly Instruction.It should be stocked in the warehouse with environment temp. $-45^{\circ}C \sim +85^{\circ}C$ and relative humidity no more than 80%,without acidic, alkaline or any other corrosive air.

VII、ROHS Compliant.

Drw	ZhouHuaan	Description		Drawing No.(P/N)	Ver
Chk	HuangKeren	7/16M-1/2"H			
App	XuYiming	Sheet 1/1	Metric mm	AFB3-6	1