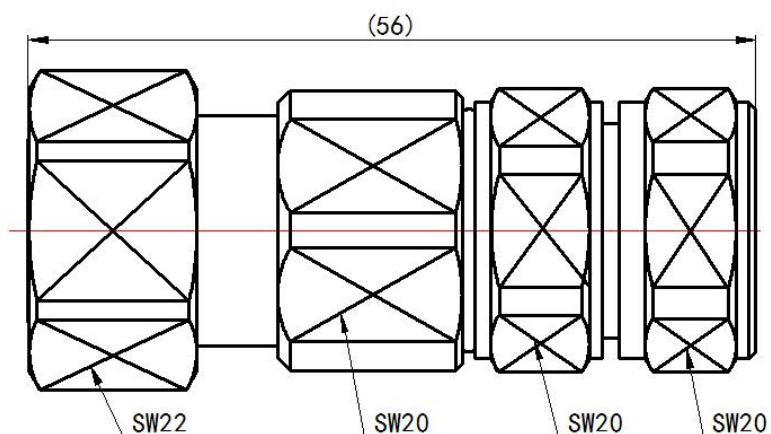




Product Specifications

4.3-10M-1/2S



Dimensions in mm

1 Product Structure

	Designation	Material	Plating
1	Inner Conductor	Bronze	Silver-plated
2	Insulator	PTFE	-
3	Body	Brass	Trimetal-plated
4	Gaskets	Silicone Rubber	-
5	Nut	Brass	Trimetal-plated

2 General Specifications

Interface	4.3-10 Male
Standards	IEC61169、IEC 60169
Body Style	Straight
Durability	≥ 500
Cable	1-2SF

3 Electrical Specifications

Impedance	50Ω
Operating Frequency Band	DC-3.8GHz
Insertion Loss, Typical	≤0.05√f dB Max
Return Loss	DC-3000MHz >26.4dB 3000-3800MHz >23.1dB
PIM	< -117 dBm at 2x43 dBm
Dielectric withstanding voltage	2500V
Contact Resistance	
Inner Conductor	≤1.5mΩ
Outer Conductor	≤1.0mΩ
Insulation Resistance	≥5000MΩ

4 Environment Specifications

Operating Temperature	-40°C to +85°C
Immersion Depth	1.0 M
Immersion Test Mating	Mated
Immersion Test Method	IEC 60529:2001, IP67
Corrosion Test Method	IEC 60068-2-52 96h
Damp Heat Resistance Test Method	IEC 61169-1, Sub-clause 9.4.3
Thermal Shock Test Method	IEC 61169-1, Sub-clause 9.4.4
Vibration Test Method	IEC 61169-1, Sub-clause 9.3.3
Mechanical Shock Test Method	IEC 60068-2-27



Product Specifications

5 Marking and Package Requirements

According to the Packaging Specifications or customer's requirements

6 Banned and Restricted Substances

RoHS 2011/65/EU

Compliant by Exemption

7 Document Revision Information

Revision	Description
A0	First revision