



DEVIKRUPA ELECTRONICS

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Specifications of N (M) 1/2”(SF) RF Connector

1. N (M) 1/2” (SF) RF Connector is in accordance with IEC60169-16: 1982
2. Male interface screw thread: 5/8-24UNEF-2B
3. Material and plating

Name of part	Material	Plating	Thickness of plating
Shell	Brass (HPb59-1)	Nickel plated	7μ
Connecting nut	Brass (HPb59-1)	Nickel plated	7μ
Stop ring	Bronze		
Collar	Brass (HPb59-1)	Nickel plated	≥5μ
Sealing	Silicone rubber		
End cover	PTEF (SFX-1)	Silver plated	5μ
Probe	Bronze(QSn6.5-0.1)		≥5μ
Guide	Brass (HPb59-1)	Nickel plated	7μ
Insulator	PTEF (SFX-1)		
Clamp	Brass (HPb59-1)	Silver plated	≥5μ
Lining nut	Brass (HPb59-1)	Nickel plated	7μ
Cable cover	Silicone rubber		

- 4 Working environment : Working temperature : -40~+85°
Relative moisture : 90%~95% (Temperature: 40±2°C)
Atmospheric pressure: (70~106)KPa

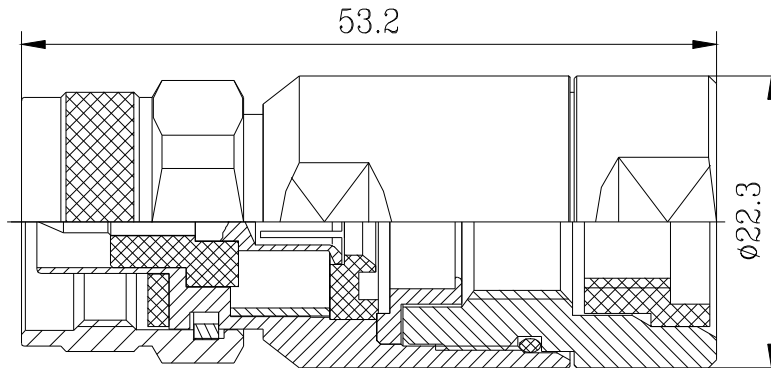


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5. Dimensions:



6. Mechanical characteristics

Contact resistance (mΩ)	Inner conductor	≤1
	Outer conductor	≤0.25
Insulation resistance(MΩ)		≥10 ⁴
Withstanding voltage AC(V/min)		2500
VSWR(0 ~ 2GHz)		≤1.1

7. When results tested by different analyzers are different should adopt the HP testing device as criteria.