



The attenuator is designed for RF power level adjustment. SYMAIR RF attenuators have compact dimensions, stable power handling and high reliability for long-term applications. Additionally, SYMAIR can offer low PIM models for variable PIM value requirements.

**XX refers to the optional attenuation values.*

General Specifications

Product Type	RF Attenuator
Frequency Band	DC-3000 MHz
Power Handling	1 Watt
Connector Interface	N-male to N-female

Electrical Specifications

Frequency Band	DC-3000 MHz						
Return Loss	≤-20.8 dB						
VSWR	≤1.2						
Attenuation	1-9 dB	10 dB	15 dB	20 dB	25 dB	30 dB	40 dB
Accuracy	±0.4 dB	±0.5 dB	±0.5 dB	±0.5 dB	±0.5 dB	±0.6 dB	±0.6 dB
Power Handling	1 watt						
Impedance	50 ohms						

Material Specifications

Cavity	Cavity Enclosure	Aluminum alloy	
	Cavity Outer Surface Treatment	Conductive oxidation	
	Cavity Inner Surface Treatment	Cu3Ag1	
	Inner Conductor	Aluminum alloy	
	Inner Conductor Surface Treatment	Ag1	
	Connector	Outer Conductor	Brass
		Outer Conductor Surface Treatment	Tri-metal CuSnZn3
		Inner Conductor	Brass
		Inner Conductor Surface Treatment	Ag1
		Insulator	PTFE/TPX
Gasket		Silicon rubber	

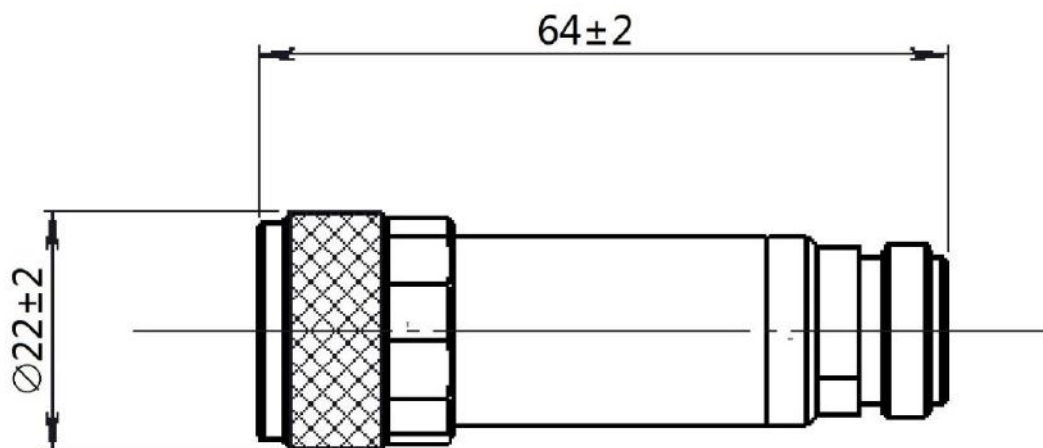
Mechanical Specifications

Dimension	φ22×64 mm (Excluding connectors and brackets)
Weight	80 g
Connectors Type	N male to N female
Mounting	Plane
Packing	1pcs in box

Environmental Specifications

Operating Temperature	-40 °C to +65 °C
Storage Temperature	-45 °C to +85 °C
Relative Humidity	5% - 95%
Application	Indoor

Outline Drawing



Regulatory Compliances

ISO 9001:2015	Compliant
ROHS	Compliant
China RoHS	Compliant
UK RoHS	Compliant
REACH	Compliant
EU/CE	Compliant

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