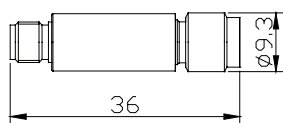
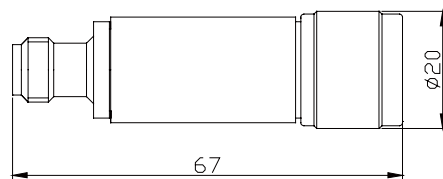


## Model SHX-803 0.01-26.5GHz 100 mW



SMA



N

SHX-803 serial coaxial detectors are used in kinds of military or civil electronic equipment such as communication, radar, microwave measurement.

### MECHANICAL SPECIFICATIONS

Connectors	Male Pin	Female Pin	Housing	Temp Range	Dimensions	Weight
Brass Nickel Plated	Brass Gold Plated	Beryllium Copper Gold Plated	Brass Nickel Plated	-20°C~+55°C	SMA:Ø9×36mm N: Ø20×67mm	SMA:10g N:90g

RoHS Compliant: Yes

### ELECTRICAL SPECIFICATIONS

Model Number	Frequency Range(GHz)	Frequency Response(dB)	Max VSWR	Low level sensitivity(-30dBm)	Max Power (mW)	Connector Type
SHX-803-S-4	0.01~4	±0.3	1.2	≥0.5mV	100	In: SMA Out: SMA,BNC
SHX-803-S-8	0.01~8	±0.3	1.4			
SHX-803-S-12	0.01~12	±0.5	1.5			
SHX-803-S-18	0.01~18	±0.6	1.8			
SHX-803-S-26	0.01~26.5	±0.6(0.01~18GHz)	1.5(0.01~18GHz)	≥0.5mV(18GHz)	100	In: SMA(J) Out: SMA(K)
		±1.5(18~26.5GHz)	2.2(18~26.5GHz)	≥0.18mV(26.5GHz)		

Model Number	Frequency Range(GHz)	Frequency Response(dB)	Max VSWR	Low level sensitivity(-30dBm)	Max Power (mW)	Connector Type
SHX-803-N-4	0.01~4	±0.3	1.2	≥0.5mV	100	Input: N Output: N,BNC, TNC,SMA
SHX-803-N-8	0.01~8	±0.3	1.4			
SHX-803-N-12	0.01~12	±0.5	1.5			
SHX-803-N-18	0.01~18	±0.6	1.8			

NOMINAL IMPEDANCE: 50Ω

#### Notes:

1. Dimensions Tolerance ±2%