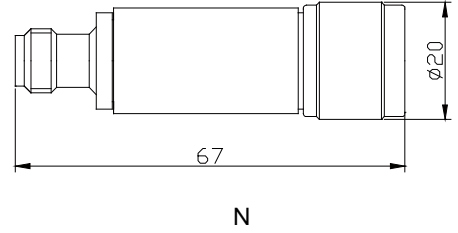
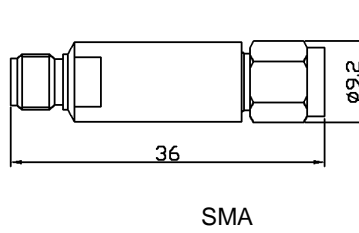


## Model SHX-803 0.01-26.5GHz 100 mW



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:Ø9.2×36mm 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
		Normal	Precise	Normal	Precise			
SHX-803-S-4	0.01-4	±0.3	±0.3	1.2	1.2	≥0.5mV	100	Input: SMA(M) Output: SMA, BNC(F)
SHX-803-S-8	0.01-8	±0.3	±0.3	1.4	1.4			
SHX-803-S-12	0.01~12	±0.7	±0.5	1.7	1.5			
SHX-803-S-18	0.01~18	±1.0	±0.6	2.0	1.8			
SHX-803-S-26	0.01~26.5	±0.6	±0.6	1.5	1.5	≥0.5mV (18GHz)	100	Input: SMA(J) Output: SMA(K)
		±1.5	±1.5	2.2	2.2	≥0.18mV (26.5GHz)		
		(0.01-18GHz)	(0.01-18GHz)	(0.01-18GHz)	(0.01-18GHz)	(18-26.5GHz)		

Model Number	Frequency Range(GHz)	Frequency Response(dB)		Max VSWR		Low level sensitivity(-30dBm)	Max Power (mW)	Connector Type
		Normal	Precise	Normal	Precise			
SHX-803-N-4	0.01-4	±0.3	±0.3	1.2	1.2	≥0.5mV	100	Input: N(M) Output: N,BNC(F), SMA(F)
SHX-803-N-8	0.01-8	±0.3	±0.3	1.4	1.4			
SHX-803-N-12	0.01~12	±0.8	±0.5	1.8	1.5			
SHX-803-N-18	0.01~18	±1.2	±0.6	2.2	1.8			

**NOMINAL IMPEDANCE: 50Ω**

#### Notes:

1. Dimensions Tolerance ±5%