

Series of coaxial adapters with SSMA and SMA connectors, operating frequency range from DC to 18 GHz, typical VSWR is 1.15, dielectric withstanding voltage is 750 V.

TYPICAL APPLICATIONS

- Connecting different types of coaxial connectors
- Test and measurement equipment in RF or microwave engineering
- Antenna systems and RF installations
- Cable TV and satellite communication
- Telecommunications infrastructure
- Military and aerospace communication systems

FEATURES

- Small size
- Low VSWR

MECHANICAL SPECIFICATIONS

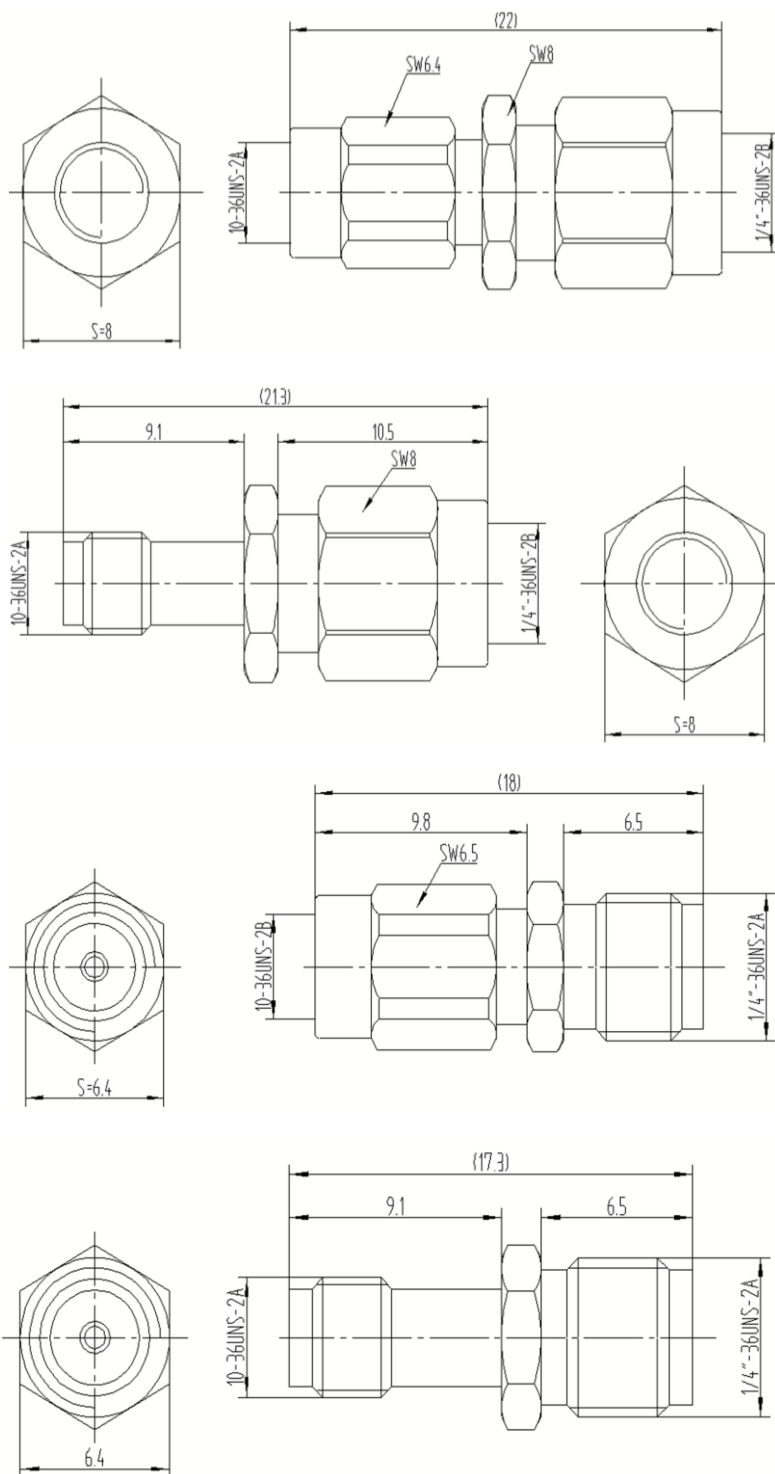
Inner conductor material	Gold-plated beryllium copper; Gold-plated brass (m/m)
Dielectric material	PTFE
Housing	Passivated stainless steel
Coupling nut material	Passivated stainless steel
Operating temperature, °C	-20 – +60
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	18
Dielectric withstanding voltage, V	750
VSWR typ.	1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.06\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: **SSMA** male/female;
SMA male/female



LBWT-AC-18-SSMAX-SMAX — specify connector genders
(Male/Male; Male/Female; Female/Male; Female/Female)

Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of $\pm 5\%$.
2. Insertion loss is calculated as $0.06\sqrt{f}$, where f is the frequency in GHz.