

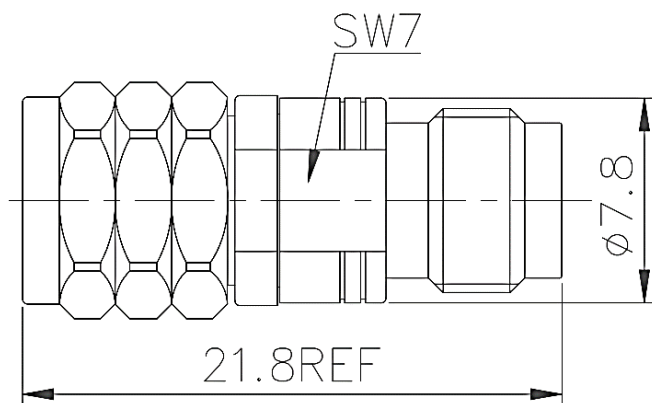
Coaxial adapter with 1.85 mm connectors, operating frequency range from DC to 67 GHz, VSWR is 1.25, dielectric withstanding voltage is 500 V.

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
Dielectric material	PEI
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	67
Dielectric withstanding voltage, V	500
VSWR	1.25 (max); 1.20 (typ)
Insulation resistance, MOhm	3000
Insertion loss, dB	$0.05\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: 1.85 mm male;
1.85 mm female

Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of $\pm 5\%$.
2. Insertion loss is calculated as $0.05\sqrt{f}$, where f is the frequency in GHz.