

Series of coaxial adapters with 3.5 mm and SMA connectors, operating frequency range from DC to 27 GHz, VSWR is 1.15, 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

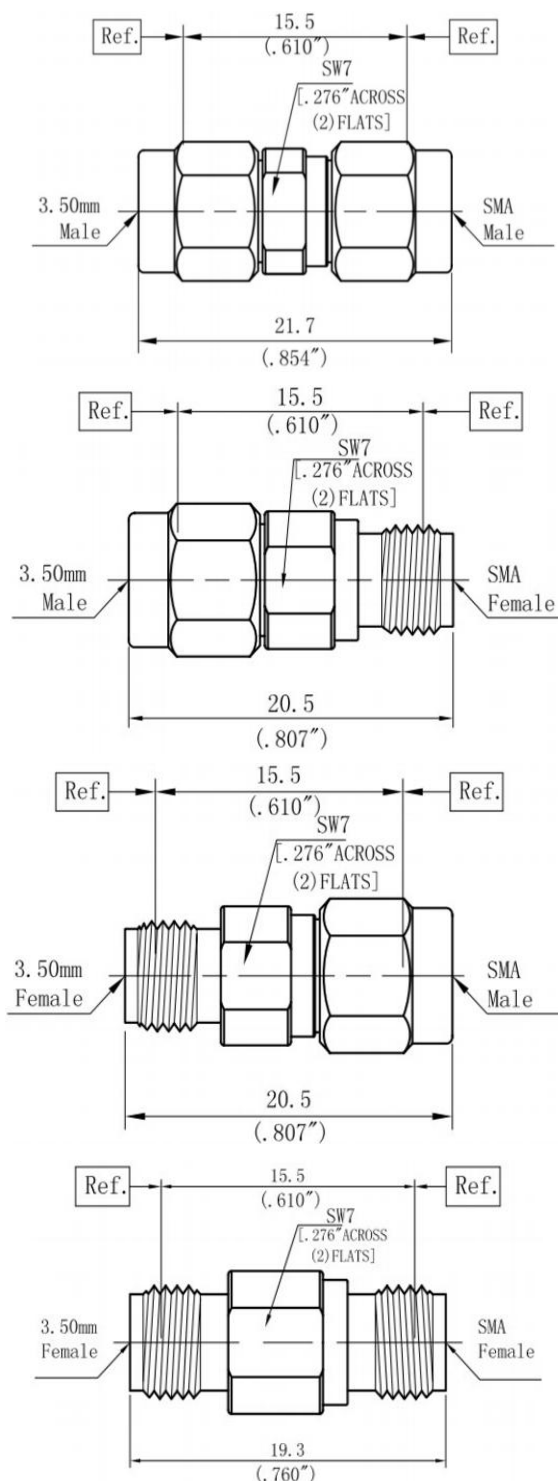
Inner conductor material	Gold-plated beryllium copper
Dielectric material	PEI1000&PTFE
Housing	Passivated stainless steel
Coupling nuts	Passivated stainless steel
Operating temperature, °C	-20 – +60
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	27
Dielectric withstanding voltage, V	500
VSWR	≤1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.05\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: **3.5 mm** male/female;
SMA male/female



Ordering information:

LBWT-AC-27-3.5X-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 $0.05\sqrt{f}$, where f is the frequency in GHz.