

Series of coaxial adapters with 1.85 mm and 2.92 mm connectors, operating frequency range from DC to 40 GHz, VSWR is 1.15, dielectric withstanding voltage is 1000 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
Operating temperature, °C	-20 – +60
Dimensions, mm	Check the outline drawings

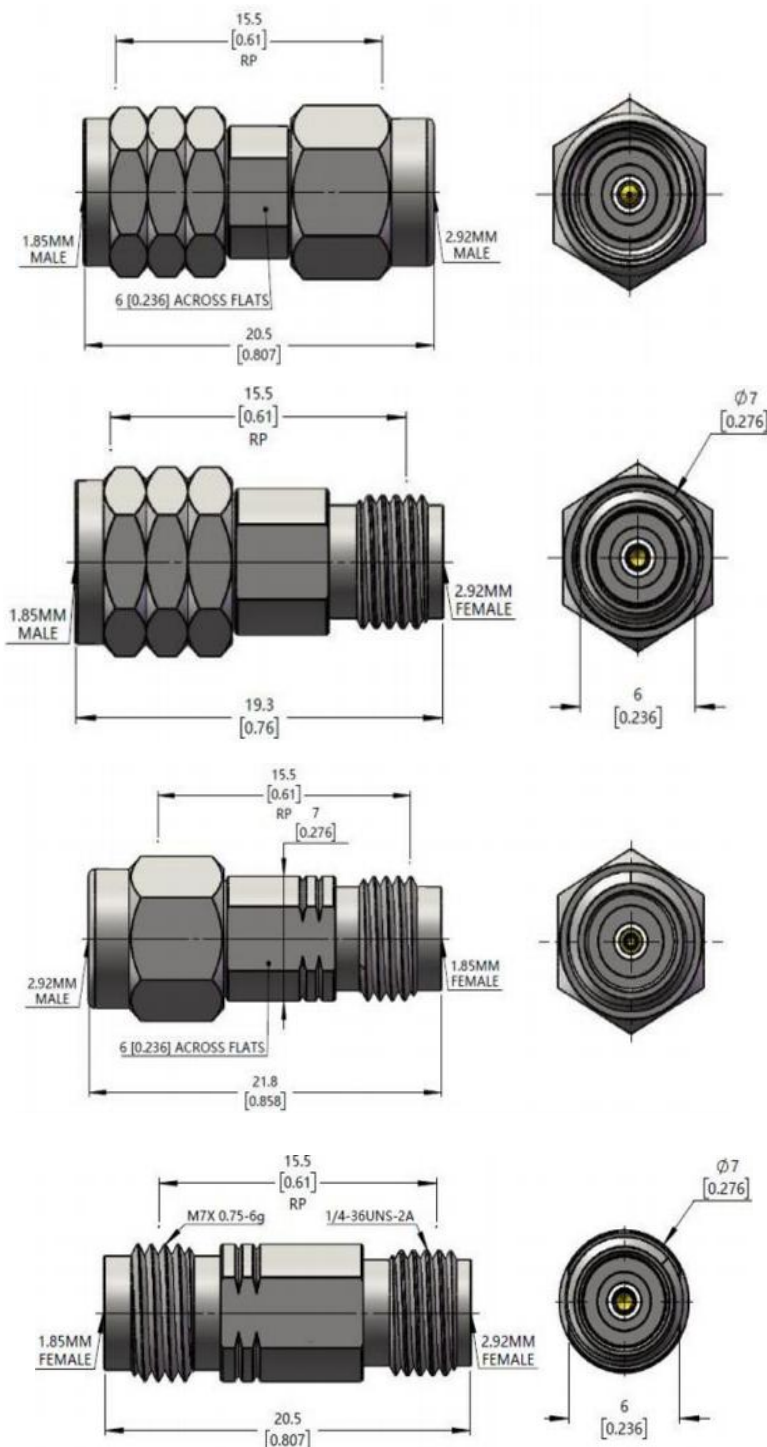
ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	40
Dielectric withstanding voltage, V	1000
VSWR	≤1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	≤0.05√f

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: 1.85 mm male/female;

2.92 mm male/female



Ordering information:

LBWT-AC-40-1.85X-2.92X – specify connector genders
(Male/Male; Male/Female; Female/Male; Female/Female)

Notes:

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