

Series of coaxial adapters with 2.92 mm and 2.92 mm connectors, operating frequency range is 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 brass; Gold-plated beryllium copper
Dielectric material	PEI
Housing	Passivated stainless steel
Nut material	Passivated stainless steel
Operating temperature, °C	-20 – +60
Dimensions	Check the outline drawings

ELECTRICAL SPECIFICATIONS

Operating frequency, GHz	40
Dielectric withstanding voltage, V	1000
VSWR max.	1.15
Insulation resistance, MOhm	5000
Insertion loss, dB	$0.05\sqrt{f}$

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: 2.92 mm male/female;
2.92 mm male/female

Ordering information:

LBWT-AC-40-2.92X-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 $\pm 5\%$.
2. Sizes marked with * are only for reference.
3. Insertion loss is calculated as $0.05\sqrt{f}$, where f is the frequency in GHz.

