

Series of coaxial adapters with BNC and TNC connectors, operating frequency range from DC to 4 GHz, VSWR is 1.25, dielectric withstanding voltage is 1500 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 (male/male); Gold-plated phosphor bronze
Dielectric material	PTFE
Housing	Nickel-plated brass
Coupling nuts	Nickel-plated brass
Operating temperature, °C	-20 – +60
Dimensions, mm	Check the outline drawings

ELECTRICAL SPECIFICATIONS

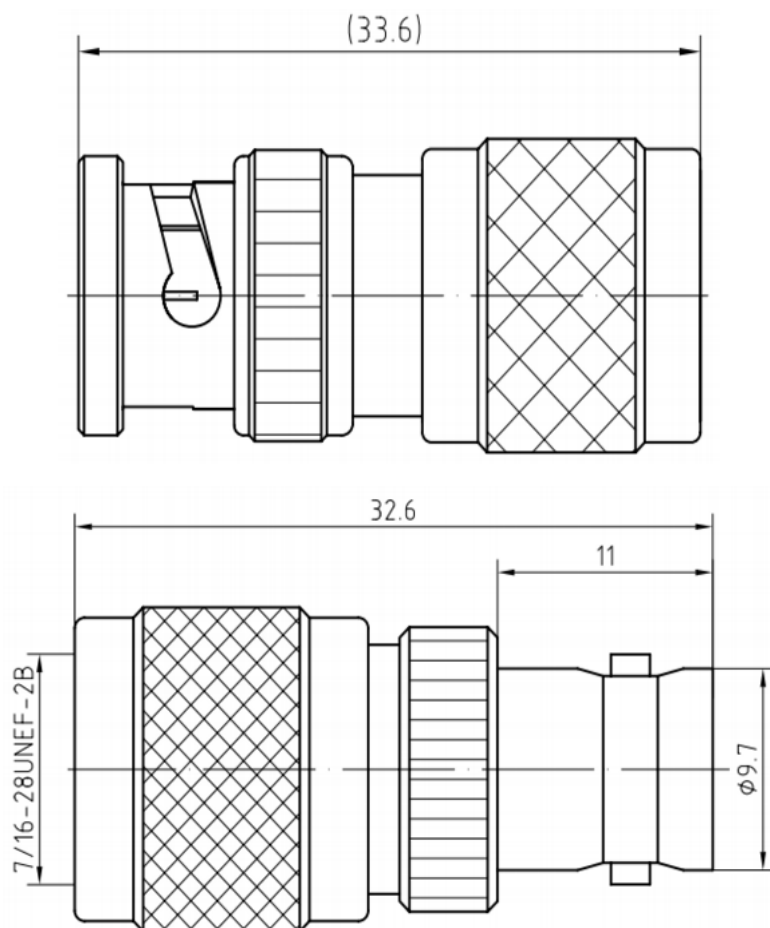
Operating frequency, GHz	4
Dielectric withstanding voltage, V	1000 (female/male) 1500 (male/male)
VSWR	≤1.20 (female/male) ≤1.25 (male/male)
Insulation resistance, MOhm	5000
Insertion loss, dB	0.05√f (female/male) ≤0.25 (male/male)

NOMINAL IMPEDANCE: 50 Ohm

CONNECTOR TYPES: **BNC** male/female;
TNC male

Ordering information:

LBWT-AC-4-BNCX-TNCM – specify connector genders
(Male/Male; Female/Male)


Notes:

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