

Coaxial outer DC-block with SMA connectors, operating frequency range from 10 MHz to 18 GHz, typ return loss -18 dB.

## TYPICAL APPLICATIONS

- RF/Microwave Systems
- Test and measurement
- Antenna systems
- Cable TV and satellite communication
- Telecommunications infrastructure
- Complex Setups

## FEATURES

- Broad frequency range
- Excellent RF Performance
- Robust Protection

## MECHANICAL SPECIFICATIONS

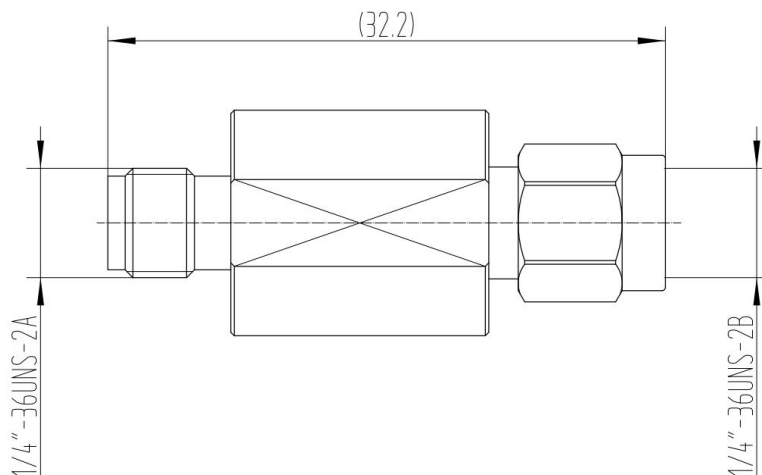
|                           |                            |
|---------------------------|----------------------------|
| Operating temperature, °C | -40 – +70                  |
| Dimensions, mm            | Check the outline drawings |

## ELECTRICAL SPECIFICATIONS

|                       |               |       |
|-----------------------|---------------|-------|
| Frequency range, GHz  | 0.01 – 18     |       |
| Return loss (typ), dB | @0.1 – 14 GHz | -26.4 |
|                       | @14 – 18 GHz  | -18.5 |
| Insertion loss, dB    | ≤0.8          |       |
| DC voltage, V         | 200           |       |
| Impedance, Ohm        | 50            |       |

**NOMINAL IMPEDANCE:** 50 Ohm

**CONNECTOR TYPES:** SMA male;  
SMA female



## Notes:

1. All outline dimensions are in mm, with a dimensional tolerance of ±5%.