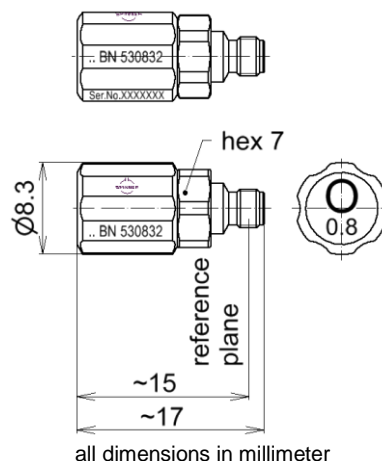


Open circuit termination; 0.8 mm socket | BN 530832



Radio frequency characteristics

| | |
|---------------------------------|---|
| Interface type | 0.8 mm socket metrology grade per IEEE Std 287 |
| Frequency range | DC to 150 GHz |
| Characteristic impedance | 50 Ω |
| Return loss, max. | 0.5 dB |
| Repeatability, min. | 45 dB |
| Reflection phase accuracy, min. | 2.5 deg @ DC to 40 GHz 4.0 deg @ 40 to 90 GHz 5.5 deg @ 90 to 120 GHz 7.0 deg @ 120 to 150 GHz |
| Offset length, nom. | 3.890 mm |

Mechanical characteristics

| | |
|--|--|
| Inner conductor material / surface coating | CuBe age hardened / gold-plated |
| Outer conductor material / surface coating | CuBe / gold-plated copper alloy / gold-plated |
| Other parts material / surface coating | copper alloy / gold-plated |
| Weight, approx. | 5 g |
| Marking | laser engraving |

Environmental conditions

| | |
|---------------------------|----------------------|
| Operation | |
| Ambient temperature range | +18 to +28°C |
| Relative humidity, max. | 95% (non-condensing) |
| Storage | |
| Ambient temperature range | -40 to +70°C |
| Relative humidity, max. | 95% (non-condensing) |

SPINNER GmbH
 This document is proprietary to us.
 All rights reserved. Any use, transfer, or reproduction of this document
 or the know-how contained therein requires our express consent.

Template TD-00261.dotx

Open circuit termination; 0.8 mm socket | BN 530832

Scope of delivery and accessories

| | |
|-------------------|--|
| Scope of delivery | protective tube (38704A), certificate of calibration, calibration data, handling instructions |
|-------------------|--|

Applicable documents

| | |
|-----------------------|--------|
| Handling instructions | M36081 |
|-----------------------|--------|

Calibration data

Calibration data in formats for the common VNAs are included. It includes individual calibration coefficients to achieve the best possible performance.

The specifications for opens and shorts are given as allowed deviation from the nominal model.