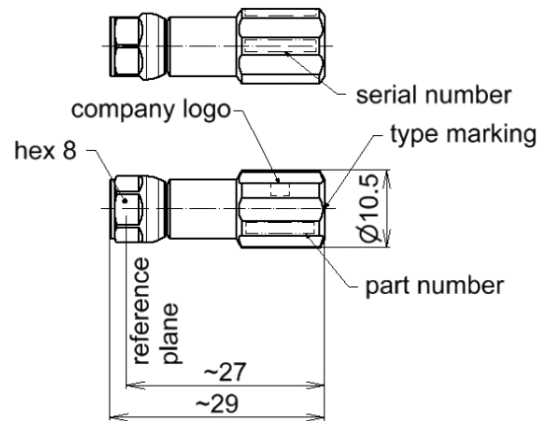


Precision Short || BN 533423R000



all dimensions in millimeter

**Radio frequency characteristics** <sup>1)</sup>

|                       |                               |
|-----------------------|-------------------------------|
| Interface type        | 1.85 mm plug per IEC 61169-32 |
| Frequency range       | DC to 70 GHz                  |
| Impedance             | 50 Ω                          |
| Phase deviation, max. | 2 deg. @ DC to 26.5 GHz       |
|                       | 3 deg. @ 26.5 to 50 GHz       |
|                       | 4 deg. @ 50 to 70 GHz         |

**Mechanical characteristics**

|  |   |
|--|---|
| Center conductor material / surface finish | CuBe age hardened / gold-plated                                       |
| Outer conductor material / surface finish  | CuBe / gold-plated  |
| Other metallic parts / surface finish      | copper alloy / gold-plated<br>CuBe / CuSnZn-plated<br>stainless steel |
| Weight, approx.                            | 0.01 kg   |
| Marking                                    | laser engraving   |

**Environmental conditions**

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

**Scope of delivery and accessories**

|                   |   |
|-------------------|---|
| Scope of delivery | certificate of calibration, calibration data, handling instructions |
|-------------------|---|

<sup>1)</sup> The specifications for the short are given as allowed deviation from the nominal model as defined in the calibration data. Calibration data in formats for the common VNAs are included in the delivery. It includes offset length and individual calibration coefficients to achieve the best possible performance.

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