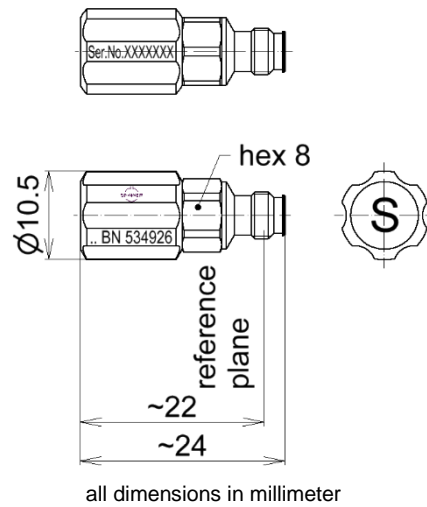


Precision Offset-Short || BN 534926R000



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

Interface type	1.35 mm socket per IEEE Std 287
Frequency range	DC to 90 GHz
Impedance	50 Ω
Phase deviation, max.	2.5 deg. @ DC to 40 GHz 3.5 deg. @ 40 to 90 GHz

**Calibration data**

Offset	5.0 mm
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**Mechanical characteristics**

Inner conductor material / surface finish	beryllium copper, age hardened / gold-plated
Outer conductor material / surface finish	beryllium copper / gold-plated
Other metallic parts / surface finish	copper alloy / gold-plated 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	95% (non-condensing)

**Scope of delivery and accessories**

Scope of delivery	certificate of calibration, calibration data, handling instructions
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<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.