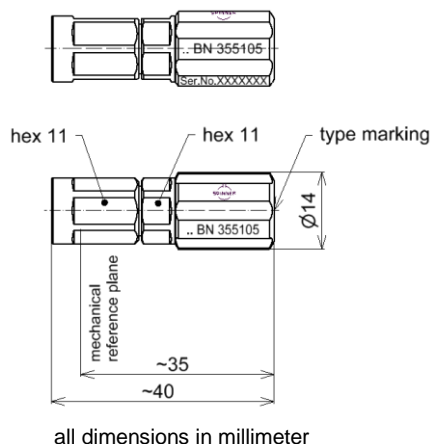


Precision Short || BN 355105R000



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

Interface type	NEX10® plug
Frequency range	DC to 20 GHz
Impedance	50 Ω
Phase deviation, max.	2 deg. @ DC to 4 GHz 2.5 deg. @ 4 to 8 GHz 3.5 deg. @ 8 to 12 GHz 4.5 deg. @ 12 to 20 GHz

Note: NEX10 is a registered trademark of HUBER+SUHNER, Radiall and ROSENBERGER

**Mechanical characteristics**

Center conductor material / surface finish	CuBe age hardened / gold-plated
Outer conductor material / surface finish	copper alloy, CuBe / gold-plated
Insulation	PTFE
Other metallic parts / surface finish	copper alloy / nickel-plated stainless steel
Weight, approx.	0.11 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.

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