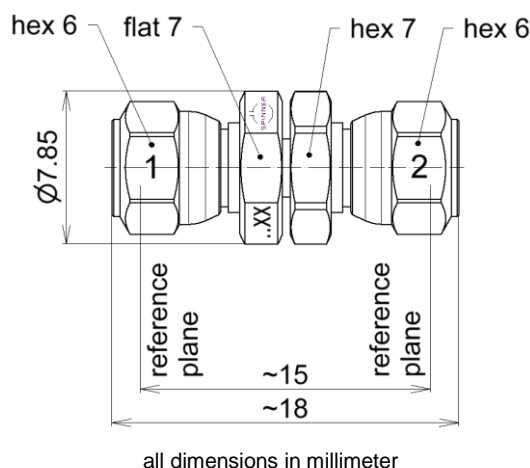


Adapter; precision, 0.8 mm plug to 0.8 mm plug | BN 530841



Radio frequency characteristics

Interface type	0.8 mm plug metrology grade per IEEE Std 287
Frequency range	DC to 150 GHz
Characteristic impedance	50 Ω
Return loss, min.	27 dB @ DC to 10 GHz 24 dB @ 10 to 26.5 GHz 21 dB @ 26.5 to 50 GHz 18 dB @ 50 to 70 GHz 15 dB @ 70 to 90 GHz 12 dB @ 90 to 120 GHz 9 dB @ 120 to 150 GHz
Repeatability, min.	45 dB
Insertion loss, max. / typ.	0.7 dB / 0.5 dB

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	CuBe / CuSnZn-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)

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Adapter; precision, 0.8 mm plug to 0.8 mm plug | BN 530841

Scope of delivery and accessories

Scope of delivery	protective tube (38704A), certificate of calibration, calibration data, handling instructions
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Applicable documents

Handling instructions	M36081
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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.