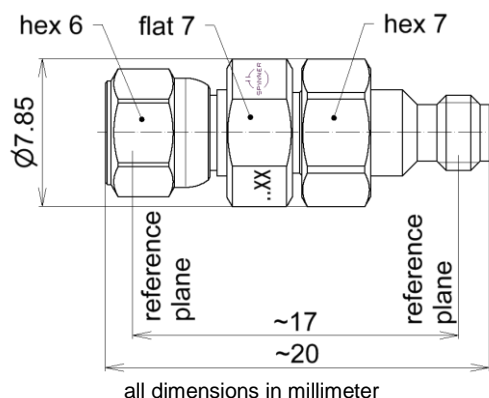


Adapter precision; 1.0 mm plug to 1.0 mm socket | BN 535741



Radio frequency characteristics

Interface type	1.0 mm plug per IEC 61169-31 1.0 mm socket per IEC 61169-31
Frequency range	DC to 116.5 GHz (resonance free up to 120 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 116.5 GHz
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.	10 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)

Scope of delivery and accessories

Scope of delivery	certificate of calibration, protective tube, calibration data, handling instructions
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Applicable documents

Handling instructions	M36081
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