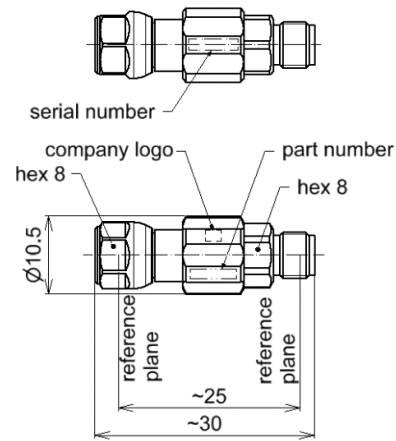


Precision Adaptor || BN 534909R000



all dimensions in millimeter

Radio frequency characteristics

Interface type	2.92 mm plug / socket per IEEE Std 287 ¹⁾
Frequency range	DC to 44 GHz
Impedance	50 Ω
Return loss, min.	33 dB @ DC to 4 GHz 30 dB @ 4 to 26.5 GHz 25 dB @ 26.5 to 40 GHz 23 dB @ 40 to 44 GHz

1) In preparation of the upcoming new version of the IEEE Std. 287 the adaptor has a pin diameter of 0.927 mm and a socket which is defined for a pin diameter of 0.927 mm.
 Usage with male connectors with pin diameters of 0.914 mm or female connectors designed for a pin diameter of 0.914 mm results in an increase of the reflection factor magnitude of typically 0.02.

Mechanical characteristics

Center conductor material / surface finish	CuBe age hardened / gold-plated
Outer conductor material / surface finish	CuBe / gold-plated
Insulation	PS
Other metallic parts / surface finish	copper alloy / gold-plated
Weight, approx.	0.01 kg
Marking	laser engraving

Environmental conditions

Operation	
Ambient temperature range	+18 to +28°C
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, calibration data, handling instructions
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