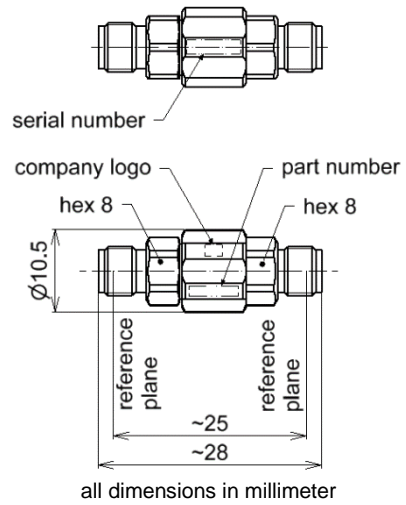


Precision Adaptor || BN 534908R000



Radio frequency characteristics

Interface type	2.92 mm socket / 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 is defined for a pin diameter of 0.927 mm. Usage with male connectors with pin diameters 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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