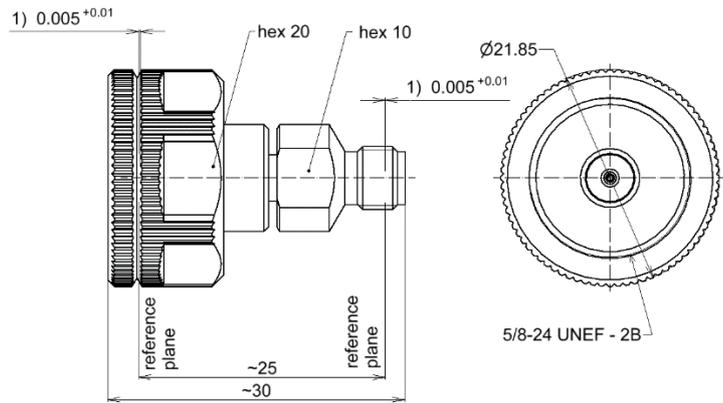


Inter-Series Adapter || BN 534994



1) Pin depth (inner conductor recessed)

all dimensions in millimeter

Radio frequency characteristics

Interface type	2.92 mm socket per IEEE Std 287 ²⁾ / 1.85 mm socket per IEC 61169-32, ruggedized by enlarged thread
Frequency range	DC to 44 GHz
Impedance	50 Ω
Return loss, min.	32 dB @ DC to 4 GHz 28 dB @ 4 to 18 GHz 23 dB @ 18 to 32 GHz 20 dB @ 32 to 44 GHz

2) 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

Inner conductor material / surface finish	beryllium copper, age hardened / gold-plated
Outer conductor material / surface finish	beryllium copper / gold-plated
Weight, approx.	0.04 kg
Marking	laser engraving

Environmental conditions

Operation	
Ambient temperature range	+18 to +28°C
Storage	
Ambient temperature range	-40 to +70°C
Relative humidity	95% (non-condensing)

Scope of delivery and accessories

Scope of delivery	protective caps
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