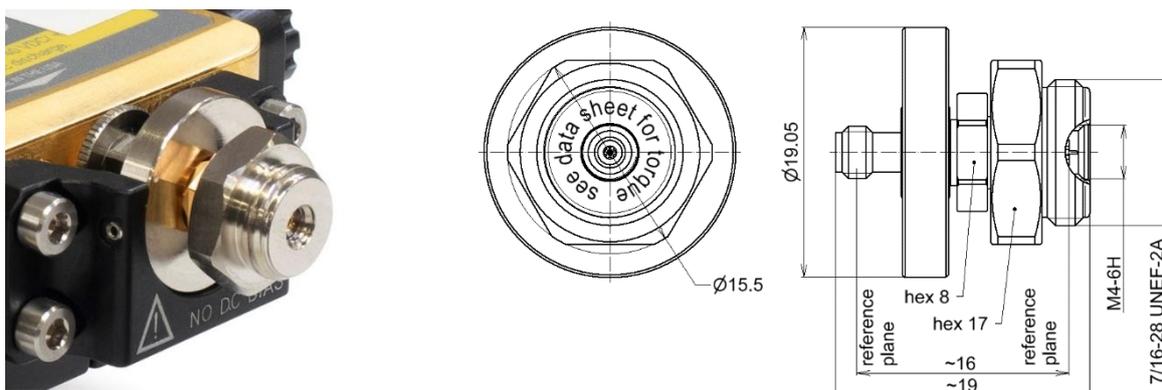


## Adapter precision; 1.0 mm plug RUG to 1.0 mm socket | BN 534976



all dimensions in millimeter

### Radio frequency characteristics

Interface type	1.0 mm plug ruggedized / 1.0 mm socket per IEC 61169-31
Frequency range	DC to 110 GHz
Characteristic impedance	50 Ω
Return loss, min.	28 dB @ DC to 20 GHz 20 dB @ 20 to 50 GHz 17 dB @ 50 to 70 GHz 14 dB @ 70 to 110 GHz

### Mechanical characteristics

Inner conductor material / surface coating	CuBe age hardened / gold-plated
Outer conductor material / surface coating	CuBe / gold-plated copper alloy / gold-plated
Dielectric material	PS, PEI
Other parts material / surface coating	CuBe / nickel-plated copper alloy / nickel-plated stainless steel
Weight, approx.	20 g
Marking	laser engraving
Torque for ruggedized coupling nut	M4 - 6H: 0.45 N-m
	7/16-28 UNEF-2A: 0.9 N-m

### Environmental conditions

<b>Operation</b>	
Operating environment	indoor
Ambient temperature range	+18 to +28°C
Relative humidity, max.	95% (non-condensing)
<b>Storage</b>	
Ambient temperature range	-40 to +70°C
Relative humidity, max.	95% (non-condensing)

### Scope of delivery and accessories

Scope of delivery	protective caps
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