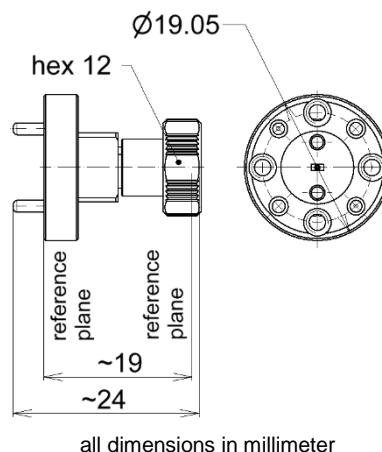


Adapter Precision; R 1.4k IEEE-0.5mm-f RUG | BN 530520



Radio frequency characteristics

Waveguide interface aperture	R 1.4k per IEC 60153-2 (WR 6.5, WR 7 per EIA 261, WM-1651 per IEEE Std 1785.1)
Waveguide interface mechanics	UFR 1.4k per IEC 60154-2 compatible to IEEE Std 1785-2a type flanges
Coaxial interface type	0.5 mm socket RUG (ruggedized) per Keysight drawing
Frequency range	110 to 170 GHz
Return loss, min. / typ.	16 dB / 20 dB
Repeatability, min.	45 dB
Insertion loss, max.	0.8 dB

Mechanical characteristics

Inner conductor material / surface coating	CuBe age hardened / gold-plated
Outer conductor material / surface coating	CuBe age hardened / gold-plated copper alloy / gold-plated
Other parts material / surface coating	stainless steel / none
Weight, approx.	20 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	protective caps, socket-head cap screws no. 4-40 UNC
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