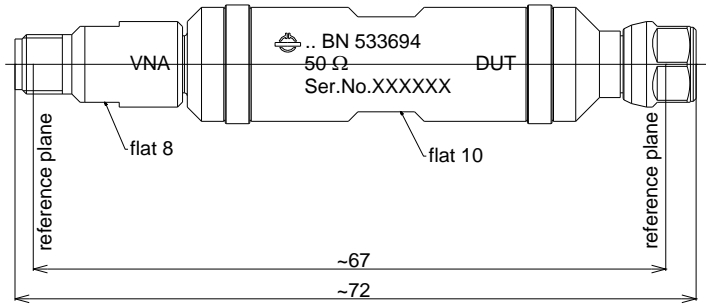


Line section; Precision Air Line, bead-supported || BN 533694



all dimensions in millimeter

**Radio frequency characteristics**

Interface type	
DUT	3.5 mm plug per IEC 60169-23
VNA	3.5 mm socket per IEC 60169-23
Frequency range	DC to 34 GHz
Impedance	50 Ω ± 0.25
VSWR (mated pair of lines, DUT-sides connected, TDR gated)	≤ 1.006 + 0.002 x f [GHz]

**Mechanical characteristics**

Center conductor material / surface finish	CuBe age hardened / gold-plated
Outer conductor material / surface finish	copper alloy / gold-plated
Insulation	cross linked polystyrene
Other metallic parts / surface finish	CuBe / CuSnZn-plated
Weight, approx.	0.05 kg

**Environmental conditions**

<b>Operation</b>	
Ambient temperature range	+18 to +28°C
<b>Storage</b>	
Ambient temperature range	-40 to +70°C

**Scope of delivery and accessories**

Scope of delivery	protective caps
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