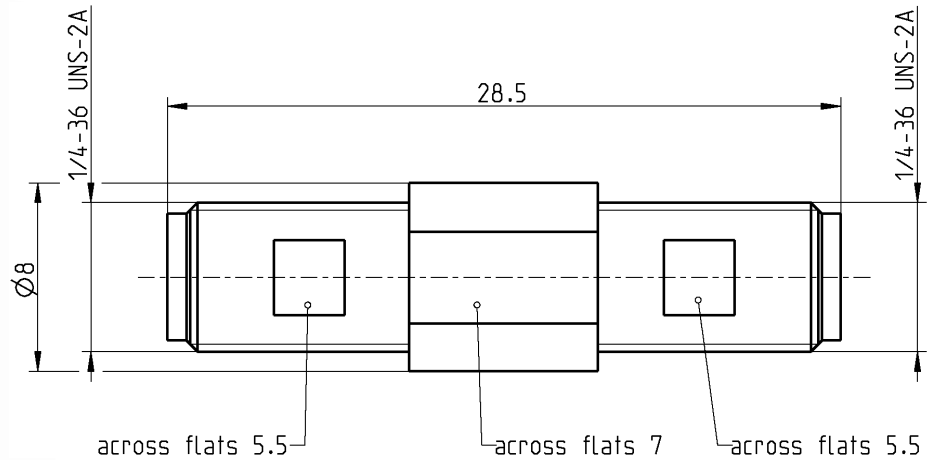


BA3.5FF Adapter



All dimensions are in mm; tolerances according to ISO 2768 m-H

Materials and Plating

Connector Parts	Material	Plating
Center contact	Beryllium copper	Gold, min. 1.27 μm , over chemical nickel
Outer contact	Stainless steel	Passivated
Dielectric	PS	

Mechanical Data

Mating cycles	≥ 500
Center contact captivation	≥ 27 N
Coupling test torque	1.70 Nm
Recommended torque	0.08 Nm to 1.10 Nm

Interface

According to	IEC 60169-23
Mechanically compatible with	2.92mm, 3.5mm and SMA

Environmental Data

Temperature range	-40°C to 85°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
2002/95/EC (RoHS)	Compliant

Electrical Data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 26 dB (DC - 26.5 GHz)
Insertion Loss	$\leq 0.04 \times \sqrt{f}$ (GHz) dB
Insulation resistance	≥ 5 G Ω
Center contact resistance	≤ 3.0 G Ω
Outer contact resistance	≤ 2.0 G Ω
Test voltage	1000 V rms
Working voltage	335 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Packing

Standard	1 piece in box
Weight	6.2 g / piece

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

