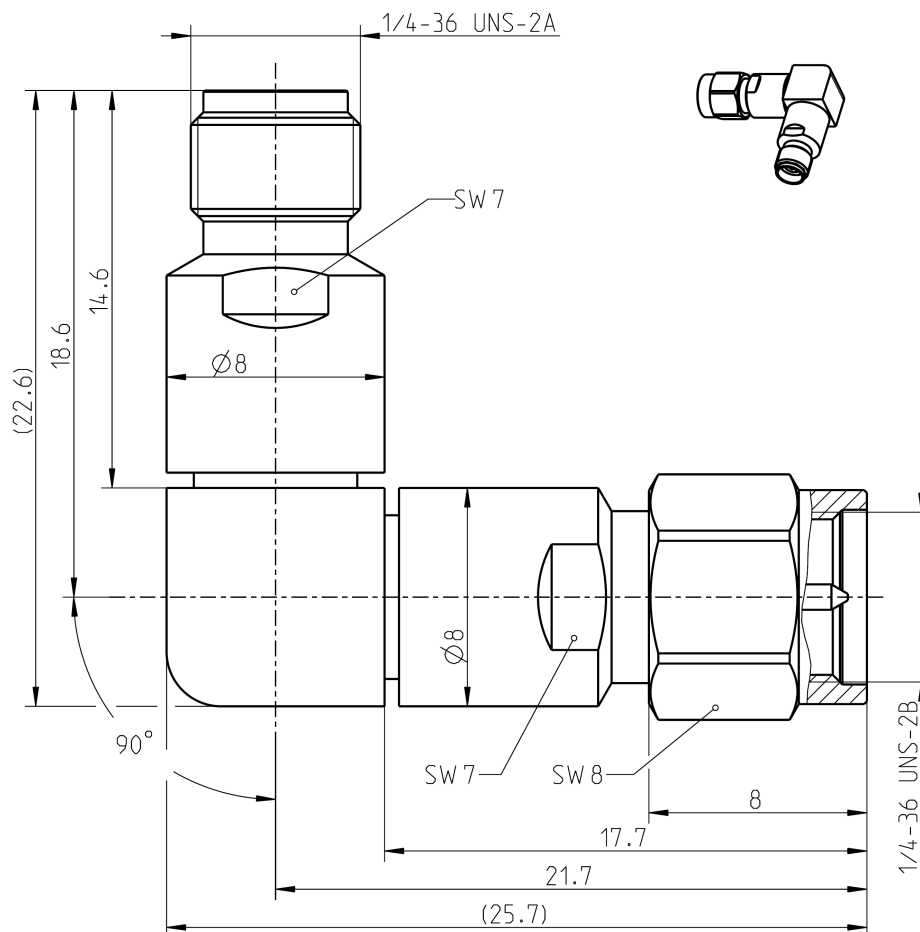




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 61169-35
RPC-3.50 and SMA

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Coupling nut
Dielectric
Gasket

Material

CuBe
Stainless steel
Stainless steel
PS
Silicone

Plating

Gold, min. 1.27 µm, over chemical nickel
Passivated
Passivated

Technical Data Sheet				Rosenberger			
RPC-2.92		Adaptor Right Angle Plug – Jack		02S221-K00S3			
Electrical data Impedance Frequency Return loss Insertion loss Insulation resistance Center contact resistance Outer contact resistance Test voltage Working voltage RF-leakage 50 Ω DC to 40 GHz ≥ 20 dB, DC to 26.5 GHz ≥ 15 dB, 26.5 GHz to 40 GHz ≤ 0.10 x √f(GHz) dB ≥ 5 GΩ ≤ 3.0 mΩ ≤ 2.0 mΩ 750 V rms 250 V rms ≥ 100 dB up to 1 GHz							
Mechanical data Mating cycles Center contact captivation Coupling test torque Recommended torque ≥ 500 ≥ 20 N 1.70 Nm 0.80 Nm to 1.10 Nm							
Environmental data Temperature range Thermal shock Corrosion Vibration Shock Moisture resistance 2002/95/EC (RoHS) -40°C to +85°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 101, Condition B MIL-STD-202, Method 204, Condition D MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 106 compliant							
Tooling N/A							
Suitable cables N/A							
Packing Standard Weight 1 pce in box 13.3 g/pce							
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.							
Draft		Date		Approved		Date	
Martin Moder		22/02/11		Herbert Babinger		20/02/13	
Rev.		Engineering change number		Name		Date	
b00		13-0004		Manuela Fuehrich		20/02/13	
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