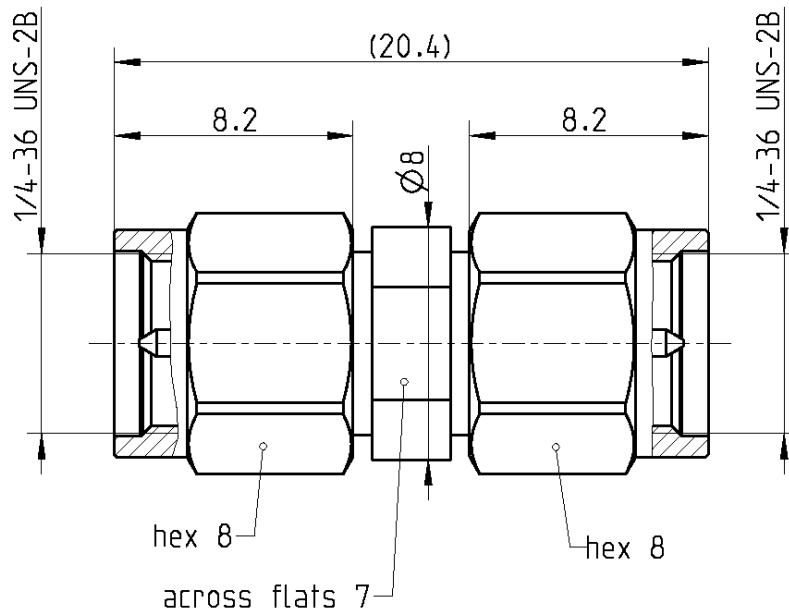




All dimensions are in mm; tolerances according to ISO 2768 m-H

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

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RF_35/05.10/6.1

Technical Data Sheet				Rosenberger			
RPC-2.92		Adaptor Plug - Plug		02S121-S00S3			
Electrical data Impedance50 Ω FrequencyDC to 40 GHz Return loss≥ 21 dB, DC 40 GHz Insertion loss≤ 0.04 x √f(GHz) dB Insulation resistance≥ 5 GΩ Center contact resistance≤ 3.0 mΩ Outer contact resistance≤ 2.0 mΩ Test voltage750 V rms Working voltage250 V rms RF-leakage≥ 100 dB up to 1 GHz Mechanical data Mating cycles≥ 500 Center contact captivation≥ 20 N Coupling test torque1.70 Nm Recommended torque0.80 Nm to 1.10 Nm Environmental data Temperature range-40°C to +85°C Thermal shockMIL-STD-202, Method 107, Condition B CorrosionMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition D ShockMIL-STD-202, Method 213, Condition I Moisture resistanceMIL-STD-202, Method 106 RoHScompliant Tooling N/A Suitable cables N/A Weight 5.2 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	
Herbert Babinger		15.07.04		Martin Moder		16.11.15	
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