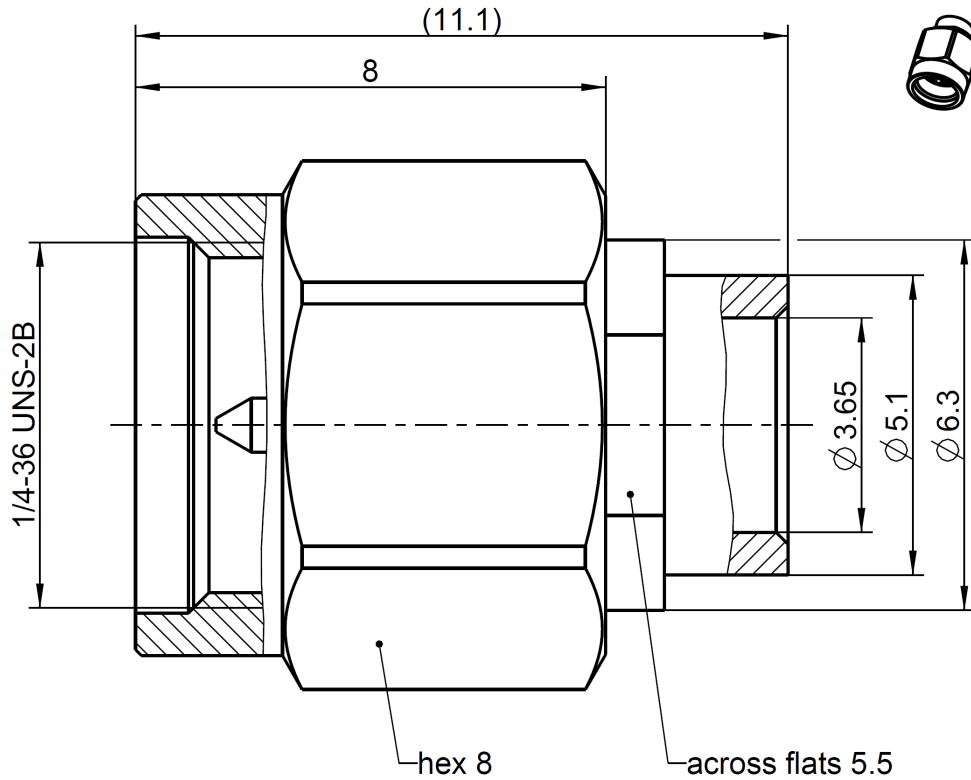




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 61169-35
RPC-3.50 and SMA

Documents

Assembly instruction

02 A7

Material and plating

Connector parts

Center contact
Outer contact
Coupling nut
Dielectric
Gasket

Material

CuBe
CuBe or equiv.
Stainless steel
PS
Silicone

Plating

Gold, min. 0.8 μ m, over chemical nickel
Gold, min. 0.8 μ m, over chemical nickel
Passivated

Technical Data Sheet				Rosenberger			
RPC-2.92		Straight plug		02S141-272E4			
Electrical data Impedance50 Ω FrequencyDC to 40 GHz Return loss≥ 30 dB, DC to 4 GHz ≥ 22 dB, 4 GHz to 32 GHz ≥ 20 dB, 32 GHz to 40 GHz Insertion loss≤ 0.04 x √f(GHz) dB Insulation resistance≥ 5 GΩ Test voltage (at sea level)750 V rms Working voltage (at sea level)250 V rms RF-leakage≥ 100 dB up to 1 GHz - Limitations are possible due to the used cable type - Mechanical data Mating cycles≥ 500 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 UT-141, RTK-Flex 402, UT-141-A-TP Weight 2.6 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	
S. Andorfer		30.07.08		F. Reiner		16.12.20	
Rev.		Engineering change number		Name		Date	
c00		20-2548		A. Youmsi		16.12.20	
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