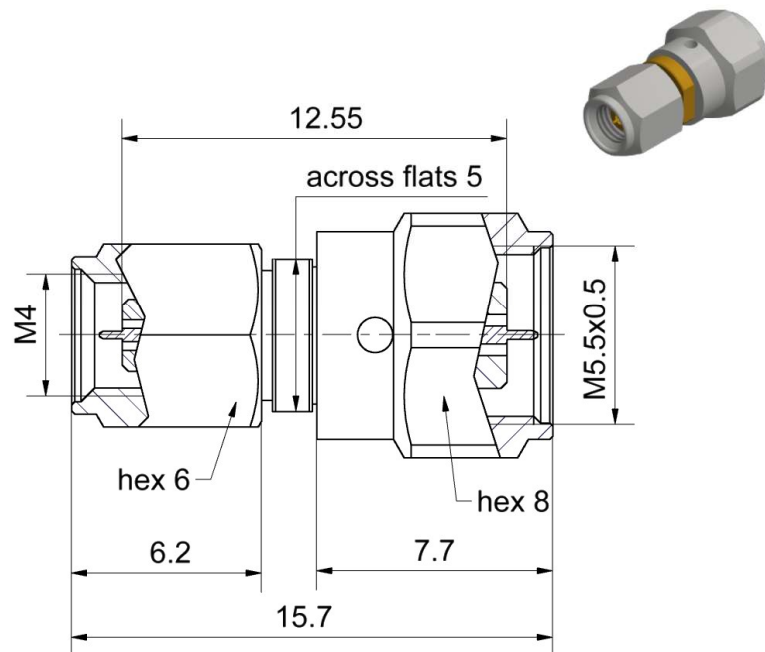




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

RPC-1.00 side according to IEC 61169-31
RPC-1.35 side according to IEC 61169-65

Documents

N/A

Material and plating

Connector parts

Center conductor
Outer conductor
Coupling nut
Dielectric

Material

CuBe
CuBe or equiv.
Stainless steel
PEEK

Plating

Gold, min. 1.27µm
Gold, min. 1.27µm
Passivated

RF_35/09.14/6.2
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Technical Data Sheet				Rosenberger			
Adaptor RPC-1.35 Plug – RPC-1.00 Plug				P9S101-S00D3			
Electrical data							
Frequency		DC to 90 GHz					
Return loss		≥ 28 dB, DC to 20 GHz					
		≥ 20 dB, 20 GHz to 40 GHz					
		≥ 17 dB, 40 GHz to 90 GHz					
Mechanical data							
		RPC-1.00		RPC-1.35			
Mating cycles		≥ 500		≥ 3000			
Maximum torque		0.70 Nm		1.65 Nm			
Recommended torque		0.35 Nm		0.90 Nm			
Gauge		0.000 mm to 0.030 mm		0.003 mm to 0.020 mm			
Environmental data							
Temperature range		- 40 °C to +85 °C					
RoHS		compliant					
Packing							
Standard		1 pce in box					
Weight		3.2 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	Rev.	Engineering change number	Name	Date
Marcel Panicke	22.08.17	Markus Müller	17.12.19	e00	19-2422	Marion Striegler	17.12.19
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de			Page 2 / 2