



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

Interface

According to IEC 61169-65

Documents

Assembly instruction MA_P9A

Material and plating

Connector parts

	Material	Plating
Outer conductor	Brass	Gold, min. 0.5µm
Coupling nut	Stainless steel	Passivated

Technical Data Sheet

Rosenberger

RPC-1.35

Connector straight Plug

P9S101-270E

Electrical data

Impedance	50 Ω
Frequency	DC to 90 GHz
Return loss	≥ 23 dB, DC to 26.5 GHz ≥ 20 dB, 26.5 GHz to 50 GHz ≥ 18 dB, 50 GHz to 90 GHz
Outer contact resistance	≤ 2 m Ω
Test voltage	500 V
Working voltage	150 V
RF-leakage	≥ 90 dB up to 1 GHz

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	≤ 50
Maximum torque	1.65 Nm
Recommended torque	0.90 Nm

Environmental data

Temperature range	- 40 °C to +85 °C
RoHS	compliant

Tooling

Tool	P9W001-000 P9W002-000
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Suitable cables

Recommended	UT-047-TP
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Packing

Standard	1 pce in bag
Weight	2.2 g/pce

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