



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 $\Omega$
Frequency	DC to 90 GHz
Return loss	$\geq 23$ dB, DC to 26.5 GHz $\geq 20$ dB, 26.5 GHz to 50 GHz $\geq 18$ dB, 50 GHz to 90 GHz
Outer contact resistance	$\leq 2$ m $\Omega$
Test voltage	500 V
Working voltage	150 V
RF-leakage	$\geq 90$ dB up to 1 GHz

- Limitations are possible due to the used cable type -

## Mechanical data

Mating cycles	$\leq 50$
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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