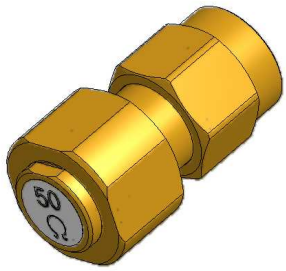
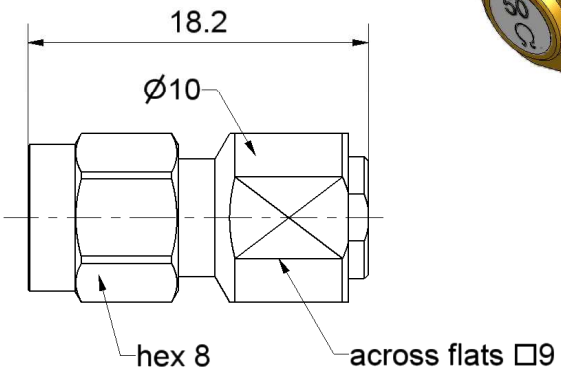
Technical Data Sheet		Rosenberger
RPC-3.50	Termination Plug	**03S17R-001D3**





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

Interface

According to	IEC 60169-23
Mechanically compatible with	RPC-2.92 and SMA

Documents

N/A

Material and plating

Connector parts	**Material**	**Plating**
Center conductor	CuBe	Gold, min. 1.27 µm, over nickel
Outer conductor	Brass	Gold, min. 1.27 µm, over nickel
Coupling nut	Brass	Gold, 0.1 µm min.
Dielectric	PEEK	
Substrate	Al_2O_3	

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Technical Data Sheet		Rosenberger
RPC-3.50	Termination Plug	**03S17R-001D3**

Electrical data

Frequency range	DC to 26.5 GHz
Return loss	≥ 36 dB, DC to 4 GHz
	≥ 23 dB, 4 GHz to 26.5 GHz
DC Resistance	50 Ω ± 0.5 Ω
Power handling	≤ 0.5 W

Mechanical data

Mating cycles	≥ 500
Maximum torque	1.70 Nm
Recommended torque	0.90 Nm
Gauge	0.00 mm to 0.08 mm

Environmental data

Operating temperature range	-40 °C to +85 °C
Storage temperature range	-40 °C to +85 °C
RoHS	compliant

Packing

Standard	1 pce in bag
Weight	5.9 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.

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Draft	Date	Approved	Date
Kerstin Herzog	22.05.06	Markus Müller	14.10.16

Rev.	Engineering change number	Name	Date
e00	16-1390	Marion Striegler	14.10.16

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