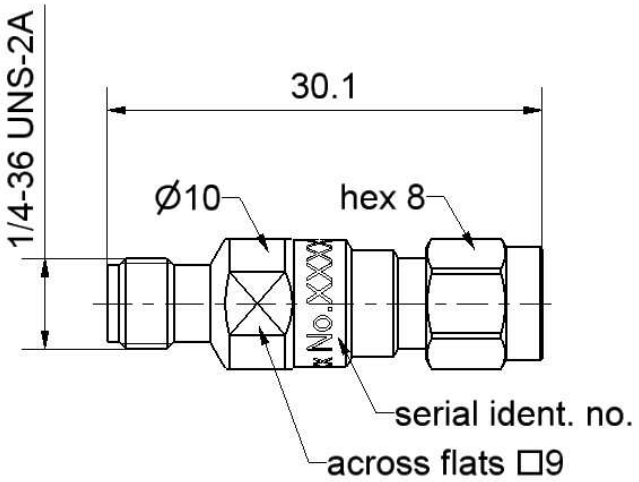
Technical Data Sheet		Rosenberger
RPC-3.50	Attenuator Plug/Jack	**03AS102-K30S3**





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 - plug	CuBe	Gold, min. 1.27 µm, over nickel
Center conductor - jack	CuBe	Gold, min. 1.27 µm, over nickel
Outer conductor	Stainless steel	Passivated
Coupling nut	Stainless steel	Passivated
Dielectric	PEEK	
Substrate	Al_2O_3	

Dieses Dokument ist urheberrechtlich geschützt ● This document is protected by copyright ● Rosenberger Hochfrequenztechnik GmbH & Co. KG

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

Technical Data Sheet		Rosenberger
RPC-3.50	Attenuator Plug/Jack	**03AS102-K30S3**

Electrical data

Impedance	50 Ω
Frequency range	DC to 26.5 GHz
Return loss	≥ 26.4 dB, DC to 4 GHz
	≥ 23.1 dB, 4 GHz to 12.4 GHz
	≥ 19.1 dB, 12.4 GHz to 26.5 GHz
Attenuation	30 dB ± 0.7 dB, DC to 26.5 GHz
Power handling	1 W at 25 °C

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[1]	0 °C to +50 °C
Storage temperature range	- 40 °C to +85 °C
RoHS	compliant

[1] *Temperature range over which these specifications are valid.*

Packing

Standard	1 pce in box
Weight	8.9 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.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Kerstin Herzog	04.10.05	Markus Müller	25.10.16	f00	16-1390	Marion Striegler	25.10.16

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

Dieses Dokument ist urheberrechtlich geschützt ● This document is protected by copyright ● Rosenberger Hochfrequenztechnik GmbH & Co. KG