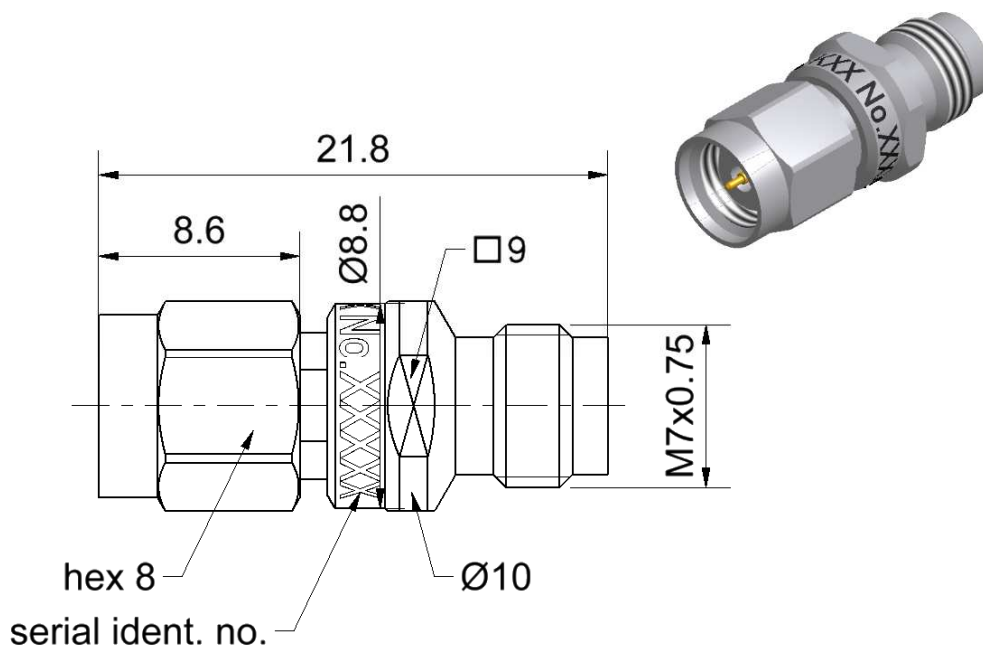


RPC-1.85

Attenuator
RPC-1.85 Plug - RPC-1.85 Jack

08AS102-K20S3



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

Interface

According to
Mechanically compatible with

IEC 60169-32
RPC-2.40

Documents

N/A

Material and plating

Connector parts

Center conductor - plug
Center conductor - jack
Outer conductor
Coupling nut
Dielectric
Substrate

Material

CuBe
CuBe
Stainless steel
Stainless steel
PS
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 1.27 µm, over nickel
Passivated
Passivated

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/05.10/6.0

Technical Data Sheet				Rosenberger			
RPC-1.85		Attenuator RPC-1.85 Plug - RPC-1.85 Jack		08AS102-K20S3			
Electrical data							
Impedance		50 Ω					
Frequency range		DC to 67 GHz					
Return loss		≥ 32 dB, DC to 4 GHz					
		≥ 25 dB, 4 GHz to 26.5 GHz					
		≥ 18 dB, 26.5 GHz to 37 GHz					
		≥ 12 dB, 37 GHz to 67 GHz					
Attenuation		20 dB ± 0.5 dB, DC to 26.5 GHz					
		20 dB ± 1.0 dB, 26.5 GHz to 50 GHz					
		20 dB ± 1.5 dB, 50 GHz to 67 GHz					
Power handling		0.5 W at 25°C					
Mechanical data							
Mating cycles		≥ 500					
Maximum torque		1.65 Nm					
Recommended torque		0.90 Nm					
Gauge		0.00 mm to 0.03 mm					
Environmental data							
Operating temperature range ¹		+20 °C to +26 °C					
Storage temperature range		0 °C to +50 °C					
RoHS		compliant					
¹ Temperature range over which these specifications are valid.							
Packing							
Standard		1 pce in box					
Weight		6.9 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
Marcel Panicke	17.01.08	Lars Ramtke	18.06.15	c00	15-0783	Marion Striegler	18.06.15
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