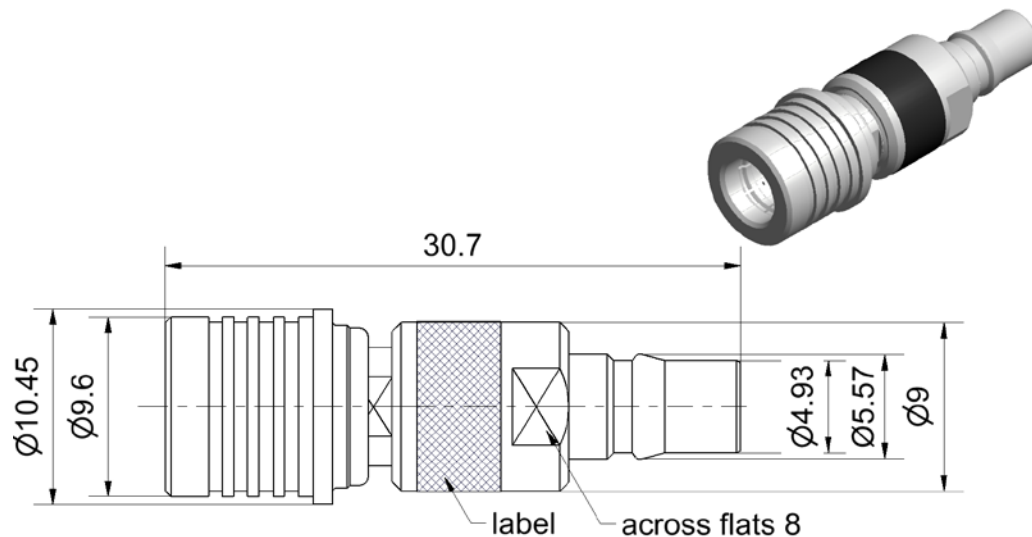




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

Rosenberger 28S000-000, series QMA
Rosenberger 28K000-000, series QMA
Rosenberger is an authorised QLF® manufacturer

Documents

N/A

Material and plating

Connector parts

Center contact - plug
Center contact - jack
Outer contact
Dielectric
Unlocking sleeve
Substrate

Material

CuBe
CuBe
Stainless steel
PTFE
Brass
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 1.27 µm, over nickel
Passivated
White bronze(e.g. Optalloy®)

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			
QMA		Attenuator Plug/Jack 2 Watt		28AS102-K20S3			
Electrical data Impedance50 Ω Frequency rangeDC to 6 GHz Return loss≥ 26.5 dB, DC to 2 GHz ≥ 20.8 dB, 2 GHz to 6 GHz Attenuation20 dB ± 0.3 dB, DC to 2 GHz 20 dB ± 0.5 dB, 2 GHz to 6 GHz Power handling≤ 2 W at 25°C Mechanical data Mating cycles≥ 100 Engagement forcetyp. 25 N Disengagement forcetyp. 20 N Retention force for interface60 N min. Gauge0.00 mm to 0.25 mm Environmental data Temperature range-40°C to +85°C RoHScompliant Packing Standard1 pce in bag Weight6.8 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	
Kerstin Herzog		04/01/07		Lars Ramtke		31/05/13	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de			Page 2 / 2