

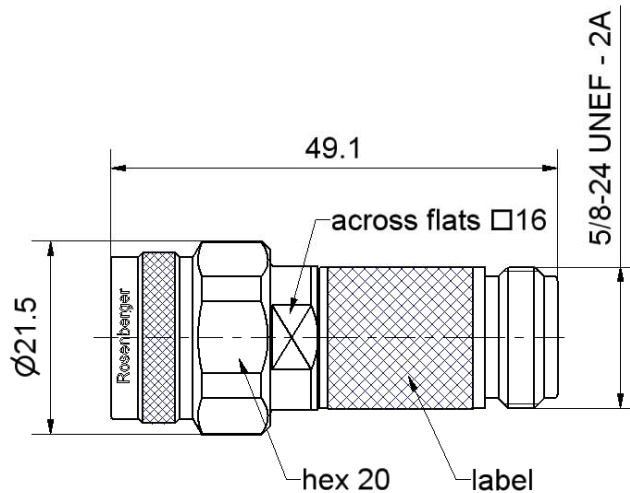
Technical Data Sheet

Rosenberger

RPC-N
50 Ω

Attenuator
Plug/Jack

05AS102-K20S3



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

Interface

According to

IEC 61169-16 ; CECC 22 210 ; MIL-STD 348A/402

Documents

N/A

Material and plating

Connector parts

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

Material

Brass
Beryllium copper
Stainless steel
Stainless steel
PPE
Al₂O₃

Plating

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

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RPC-N 50 Ω		Attenuator Plug/Jack		05AS102-K20S3			
Electrical data Impedance50 Ω Frequency rangeDC to 18 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 18 GHz Attenuation20 dB ± 0.3 dB, DC to 4 GHz 20 dB ± 0.5 dB, 4 GHz to 8 GHz 20 dB ± 0.8 dB, 8 GHz to 18 GHz Power handling2 W at 25 °C							
Mechanical data Mating cycles≥ 500 Maximum torque1.70 Nm Recommended torque1.10 Nm Gauge - plug5.28 mm to 5.36 mm Gauge - jack5.18 mm to 5.26 mm							
Environmental data Operating temperature range¹0 °C to +50 °C Storage temperature range-40 °C to +85 °C 2002/95/EC (RoHS)compliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard1 pce in box Weight59.0 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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