



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
- Al<sub>2</sub>O<sub>3</sub>

**Plating**

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

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RF\_35/05.10/6.0

**Electrical data**

Impedance	50 Ω
Frequency range	DC to 6 GHz
Return loss	≥ 26.5 dB, DC to 2 GHz ≥ 20.8 dB, 2 GHz to 6 GHz
Attenuation	3 dB ± 0.3 dB, DC to 2 GHz 3 dB ± 0.5 dB, 2 GHz to 6 GHz
Power handling	≤ 2 W at 25°C

**Mechanical data**

Mating cycles	≥ 100
Engagement force	typ. 25 N
Disengagement force	typ. 20 N
Retention force for interface	60 N min.
Gauge	0.00 mm to 0.25 mm

**Environmental data**

Temperature range	-40°C to +85°C
RoHS	compliant

**Packing**

Standard	1 pce in bag
Weight	6.8 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	Rev.	Engineering change number	Name	Date
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