



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

Interface

According to IEC 61169-4, EN 122190, DIN 47223

Documents

N/A

Material and plating

Connector parts

- Center contact
- Outer contact
- Coupling nut
- Dielectric
- Substrate

Material

- Brass
- Brass
- Brass
- PPE
- Al₂O₃

Plating

- Silver, 3-6 μ m
- Flash white bronze over silver(e.g. Optargen®)
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RF_35/09;14/6.2

Technical Data Sheet

Rosenberger

7-16

Termination
plug

60S17R-001N1

Electrical data

Impedance 50 Ω
Frequency DC to 8 GHz
Return loss ≥ 34.1 dB, DC to 2 GHz
 ≥ 26.0 dB, 2 GHz to 8 GHz
Power handling 1 W at 25°C
derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles ≥ 500
Coupling nut retention ≥ 1000 N
Center contact captivation ≥ 200 N
Recommended torque 25 Nm to 35 Nm
Proof torque max. 35 Nm

Environmental data

Operating temperature range -40 °C to +85 °C
Storage temperature range -40 °C to +85 °C

RoHS compliant

Packing

Standard 1 pce in bag
Weight 150 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	28.07.05	Markus Müller	24.08.15	c00	15-0481	Marion Striegler	24.08.15

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