



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
- AlN

**Plating**

- Silver, 3-6 µm
- Flash white bronze over silver(e.g. Optargen®)
- White bronze(e.g. Optalloy®)

# Technical Data Sheet

# Rosenberger

7-16

Termination  
Plug 2 Watt

## 60S15R-002N1

### Electrical data

Impedance	50 $\Omega$
Frequency	DC to 3 GHz
Return loss	$\geq 34.1$ dB, DC to 2 GHz $\geq 26.0$ dB, 2 GHz to 3 GHz
Power handling (at 25 °C, sea level)	$\leq 2$ W, derated linearity by 0.02 W/K

### Mechanical data

Mating cycles	$\geq 500$
Coupling nut retention	$\geq 1000$ N
Center contact captivation	$\geq 200$ N
Coupling torque (recommended)	25 to 30 Nm
Proof torque	$\leq 35$ Nm

### Environmental data

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

### Tooling

N/A

### Suitable cables

N/A

### Packing

Standard	1 pce in bag
Weight	95 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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