



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

Interface

According to IEC 61169-16

Documents

N/A

Material and plating

Connector parts

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

Material

- Brass
- Brass
- Brass
- Brass
- PTFE
- Silicone
- Al₂O₃

Plating

- Gold, min. 1.27 µm, over nickel
- White bronze(e.g. Optalloy®)
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RF_35/09;14/6.2

N 50 Ω

Termination
Plug 1 Watt

53S15R-001N3

Electrical data

Impedance 50 Ω
 Frequency range DC to 8 GHz
 Return loss ≥ 33 dB, DC to 1 GHz
 ≥ 25 dB, 1 GHz to 6 GHz
 ≥ 22 dB, 6 GHz to 8 GHz
 Power handling ≤ 1.0 W at 25°C

Mechanical data

Mating cycles ≥ 500
 Maximum torque 1.70 Nm
 Recommended torque 1.10 Nm
 Gauge 5.28 mm to 5.84 mm

Environmental data

Temperature range - 55 °C to +155 °C
 Degree of protection (mated pair) IEC 60529, IP65
 RoHS compliant

Packing

Standard 1 pce in bag
 Weight 32 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	01.08.05	Markus Müller	18.08.16	e00	16-1401	Marion Striegler	18.08.16

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