



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

Interface

According to IEC 60169-4, VG 95250, EN 122190, DIN 47223

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric
Substrate

Material

Beryllium copper
Brass
PPE
Al₂O₃

Plating

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

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
Center contact resistance	≤ 0.4 m Ω
Outer contact resistance	≤ 1.5 m Ω
Power handling	1 W at 25°C derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	min. 500
Center contact captivation	≥ 200 N
Coupling torque (recommended)	25 to 30 Nm
Proof torque	max. 35 Nm

Environmental data

Temperature range	-55°C to +85°C
-------------------	----------------

Tooling

N/A

Suitable cables

N/A

Packing

Standard	1 pce in bag
Weight	140 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	29/07/05	Frank Weiß	02/03/10	b00	10-0146	Marcel Panicke	02/03/10
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: info@rosenberger.de			Page 2 / 2