



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

**Interface**

According to IEC 60498, MIL-STD-348A, Fig. 314, NIM ND-545

**Documents**

Assembly instruction 57 A

**Material and plating**

**Connector parts**

	<b>Material</b>	<b>Plating</b>
Center contact	Beryllium copper	Gold, min. 1.27 $\mu\text{m}$ , over nickel
Outer contact	Beryllium copper	Flash white bronze over silver(e.g. Optargen®)
Body	Brass	Flash white bronze over silver(e.g. Optargen®)
Dielectric	PTFE	
Gasket	Silicone	

**Electrical data**

Impedance	50 Ω
Frequency	DC to 300 MHz
Insulation resistance	≥ 1 x 10 <sup>6</sup> MΩ
Center contact resistance	≤ 2 mΩ
Outer contact resistance	≤ 1.5 mΩ
Test voltage (at sea level)	min. 5,000 V rms min. 10,000 Vdc
Working voltage (at sea level)	max. 3,500 V rms max. 5,000 V DC
Operating currents	max. 500 mA average max. 10 A peak

- Limitations are possible due to the used cable type -

**Mechanical data**

Mating cycles	min. 500
Coupling nut retention	≥ 450 N

**Environmental data**

Temperature range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. A
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106

**Tooling**

N/A

**Suitable cables**

RG 58 C/U, RG 141/U

**Packing**

Standard	1 pce in bag
Weight	23 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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