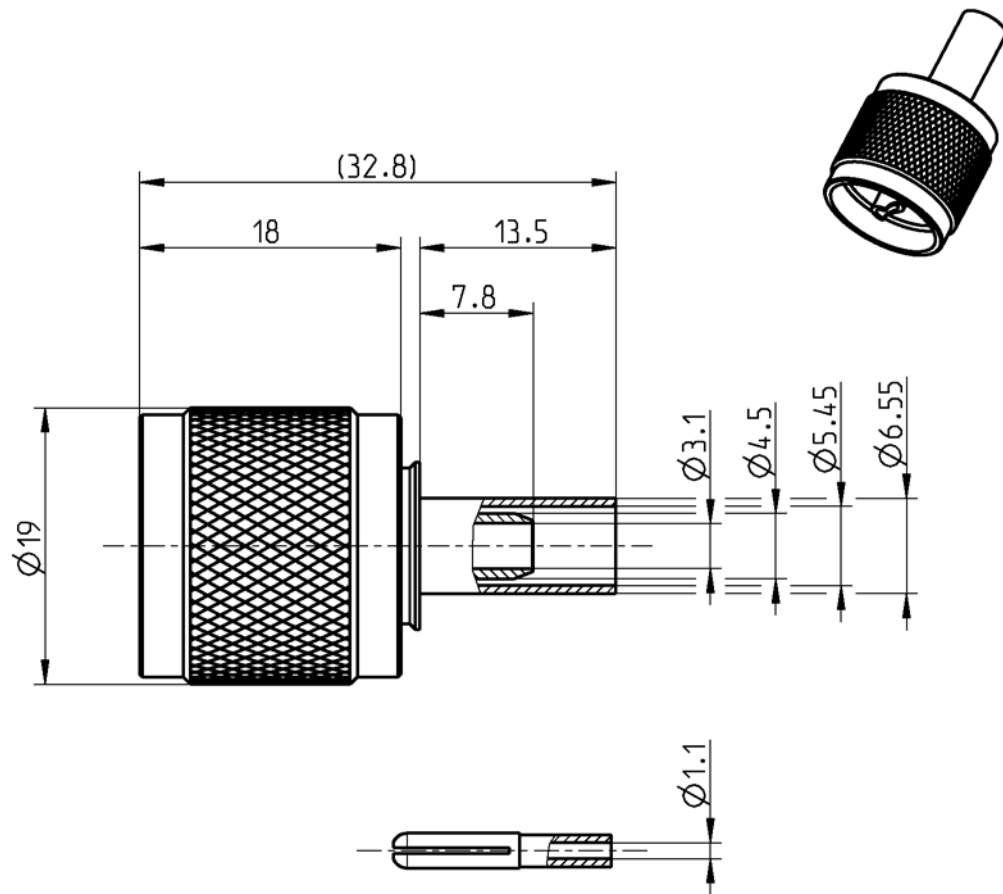




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to IEC 60169-12

Documents

Assembly instruction 54 E1

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric
Coupling nut
Crimping ferrule

Material

Brass
Brass
Brass
PTFE
Brass
Copper

Plating

Silver, 3-6 µm
Nickel, 2.5-5 µm
Nickel, 2.5-5 µm

Nickel, 2.5-5 µm
Flash white bronze over silver(e.g. Optargen®)

Electrical data

Impedance	N/A
Frequency	DC to 300 MHz
Insulation resistance	$\geq 5 \times 10^3 \text{ M}\Omega$
Center contact resistance	$\leq 5 \text{ m}\Omega$
Outer contact resistance	$\leq 5 \text{ m}\Omega$
Test voltage	2000 V rms
Working voltage	750 V rms
Contact current (DC)	$\leq 10 \text{ A typ.}$
Power handling (at 20 °C, sea level, VSWR 1.0)	400 W typ. @ 300 MHz

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	min. 500
Center contact captivation: axial	$\geq 30 \text{ N}$

Environmental data

Temperature range	-25°C to +70°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. B
Shock	MIL-STD-202, Meth. 213, Cond. G
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant

Tooling

Crimping tool	11W150-000
Crimp insert	11W150-208

Suitable cables

RG 141/U, RG 58 C/U

Packing

Standard	50 pcs in box
Weight	21.8 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
Rong Fang	01/03/05	Krautenbacher J.	11/10/06	b00	06-0478	B. Dandl	11/10/06

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