

DATA SHEET

Item no. 78091450

Connector type
For cable

NF/50-914/50
1 1/4"-50 CU

Frequency Range
Impedance (Nom.)

50 - 3500 MHz
50 Ω

Shielding Effectiveness(CoMeT)

125 dB @ 50-1000Mhz
125 dB @ 1000-3000MHz

All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.



Return Loss (IEC 61169-1)
(Rhode und Schwarz ZVB-8)

50 - 1000 MHz
1000 - 2000 MHz
2000 - 3000 MHz
3000 - 3500 MHz

Better than Typical

	-38 dB	-41,1 dB
	-38 dB	-41,1 dB
	-37 dB	-40,3 dB
	-33 dB	-35,8 dB
900 MHz	-40 dB	-42,5 dB
1800 MHz	-40 dB	-43,0 dB
2450 MHz	-40 dB	-41,8 dB

Insertion Loss Max.

50 - 1000 MHz
1000 - 2000 MHz
2000 - 3000 MHz
3000 - 3500 MHz

Better than Typical

900 MHz
1800 MHz
2450 MHz

	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,07 dB	-0,02 dB
900 MHz	-0,06 dB	-0,01 dB
1800 MHz	-0,06 dB	-0,01 dB
2450 MHz	-0,06 dB	-0,01 dB

Temperature

Installing
Operating
Storing

-5° to +50° C
-40° to +85° C
-40° to +85° C

Intermodulation

3rd Order (@2x20W)

IM3

IP3-value

-117 dBm +123 dBm

Inner Conductor Resistance

(@ 1 A DC)

0,20 mΩ

Sealing Test

(IEC IP-code)

IP X8 30 meter / 8 hours

Insulation Resistance

(@ 500 VDC)

> 200 GΩ

O-rings

EPDM

Dielectric Strength

DC Test Voltage

2,0 KV

Base Material

Body Parts
Inner Conductor

Brass CuZn39Pb3 / POM
PS2

Max. Tensile Strength

Overall

1275 N

Plating

Body Parts
Inner Conductor

Nitin-6
Silver

Torsional Strength

(Connector / Cable)

20 Nm

Insulators

TPX

Test performed by

Date of release

Troels V. Kristensen
January 18, 2010

Remarks

Data can be further optimised to specific brands and types of cables.

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon ApS, Industriparken 10, DK 4760 Vordingborg
Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04
E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk

Form 019 rev 6