

DATA SHEET

Item no.	78051250	Connector type	NF/50-512/50
		For cable	1/2"-50

Frequency Range
Impedance (Nom.)

50 - 6000 MHz
50 Ω

Shielding Effectiveness(CoMeT)

>135 dB @ 50-1000MHz
>130 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 - 4000 MHz
4000 - 6000 MHz
900 MHz
1800 MHz
2450 MHz

Better than	Typical
-37 dB	-40,4 dB
-32 dB	-35,1 dB
-30 dB	-33,4 dB
-27 dB	-30,0 dB
-17 dB	-20,2 dB
-37 dB	-40,4 dB
-33 dB	-35,8 dB
-32 dB	-35,0 dB

Insertion Loss Max.

50 - 1000 MHz
1000 - 2000 MHz
2000 - 3000 MHz
3000 - 4000 MHz
4000 - 6000 MHz
900 MHz
1800 MHz
2450 MHz

Better than	Typical
-0,06 dB	-0,01 dB
-0,06 dB	-0,01 dB
-0,06 dB	-0,01 dB
-0,06 dB	-0,01 dB
-0,12 dB	-0,07 dB
-0,06 dB	-0,01 dB
-0,06 dB	-0,01 dB
-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
-125 dBm	+127 dBm

Inner Conductor Resistance

(@ 1 A DC)

0,5 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

4,0 KV

Base Material

Body Parts
Inner Conductor

Brass CuZn39Pb3 / POM C9021LS
Tin Bronze

Max. Tensile Strength

Overall

160 Kgf
1569 N

Plating

Body Parts
Inner Conductor

Nitin-6
Silver

Torsional Strength

(Connector / Cable)

8,8 Nm

Insulators

TPX

Test performed by

Date of release

Sven-Erik Sandberg
January 07, 2010

Remarks

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

ISO 9001:2000 / ISO 14001 certified

Distributor:

