

DATA SHEET

Item no.

Connector type
For cable

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	2,0 mΩ/m @ 5-30MHz
	0,04 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	100 dB @ 30- 862MHz
	78 dB @ 862-3000MHz



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)
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-43 dB	-46,8 dB
500 - 860 MHz	-37 dB	-40,3 dB
860 - 1000 MHz	-36 dB	-38,5 dB
1000 - 1750 MHz	-27 dB	-30,4 dB
1750 - 2150 MHz	-25 dB	-28,5 dB
2150 - 3000 MHz	-22 dB	-25,5 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,07 dB	-0,02 dB
860 - 1000 MHz	-0,07 dB	-0,02 dB
1000 - 1750 MHz	-0,10 dB	-0,05 dB
1750 - 2150 MHz	-0,11 dB	-0,06 dB
2150 - 3000 MHz	-0,12 dB	-0,07 dB

Temperature
Installing
Operating
Storing

-5° to +50° C
-40° to +100° C
-40° to +100° C

Intermodulation
3rd Order (@2x100mW)

IM3	IP3-value
-125 dBc	+82 dBm

Inner Conductor Resistance
(@ 1 A DC)

Cable data

Sealing Test
(IEC IP-code)

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Insulation Resistance
(@ 500 VDC)

Cable data

O-rings

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Dielectric Strength
DC Test Voltage

Cable data

Base Material

Body Parts	Brass CuZn39Pb3 / Brass CuZn36Pb3
Inner Conductor	Cable data

Max. Tensile Strength
Overall

350 N

Plating

Body Parts	Nitin-6
Inner Conductor	Cable data

Torsional Strength
(Connector / Cable)

*NATM

Insulators

-

Test performed by
Date of release

Troels V. Kristensen
March 13, 2008

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

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

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