

DATA SHEET

Item no.

Connector type
For cable

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	4,0 A @10°C increase
(calculated)	5,6 A @20°C increase
Transfer Impedance (CoMeT)	1,5 mΩ/m @ 5-30MHz
	0,06 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	113 dB @ 30-1000MHz
	98 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)

	Better than	Typical
0.3 - 500 MHz	-33 dB	-35,9 dB
500 - 860 MHz	-29 dB	-32,0 dB
860 - 1000 MHz	-28 dB	-30,8 dB
1000 - 1750 MHz	-25 dB	-27,9 dB
1750 - 2150 MHz	-24 dB	-26,6 dB
2150 - 3000 MHz	-21 dB	-24,7 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,08 dB	-0,03 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,12 dB	-0,07 dB
1000 - 1750 MHz	-0,12 dB	-0,07 dB
1750 - 2150 MHz	-0,12 dB	-0,07 dB
2150 - 3000 MHz	-0,18 dB	-0,13 dB

Temperature
Installing
Operating
Storing

-5° to +50° C
-40° to +70° C
-40° to +70° C

Intermodulation
3rd Order (@2x100mW)

IM3	IP3-value
-140 dBc	+90 dBm

Inner Conductor Resistance
(@ 1 A DC)

2,1 mΩ

Sealing Test
(IEC IP-code)

-

Insulation Resistance
(@ 500 VDC)

>29,9 GΩ

O-rings

-

Dielectric Strength
DC Test Voltage

>2,0 KV

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Tin Bronze BZ4

Max. Tensile Strength
Overall

140 N

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength
(Connector / Cable)

* NATM

Insulators

PE

Test performed by
Date of release

Søren B. Sørensen
October 12, 2011

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

Coming 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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