

DATA SHEET

Item no.	99909686	Connector type	IECM-56 5.1Self Install
		For cable	Draka Coax 9 AD11E

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating(measured)	8,0 A @10°C increase
(calculated)	11,3 A @20°C increase
Transfer Impedance (CoMeT)	5 mΩ/m @ 5-30MHz
	0,2 mΩ/con. @ 5-30MHz
Shielding Effectiveness(CoMeT)	>115 dB @ 30-1000MHz
	>95 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	-21 dB	-23,6 dB
500 - 860 MHz	-19 dB	-21,5 dB
860 - 1000 MHz	-18 dB	-21,0 dB
1000 - 1750 MHz	-18 dB	-20,7 dB
1750 - 2150 MHz	-16 dB	-19,0 dB
2150 - 3000 MHz	-16 dB	-18,8 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,09 dB	-0,04 dB
500 - 860 MHz	-0,13 dB	-0,08 dB
860 - 1000 MHz	-0,13 dB	-0,08 dB
1000 - 1750 MHz	-0,28 dB	-0,23 dB
1750 - 2150 MHz	-0,41 dB	-0,36 dB
2150 - 3000 MHz	-0,68 dB	-0,63 dB

Temperature
Installing
Operating
Storing

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

Intermodulation
3rd Order (@2x100mW)

IM3	IP3-value
-135 dBc	+87 dBm

Inner Conductor Resistance
(@ 1 A DC)

<2,5 mΩ

Sealing Test
(IEC IP-code)

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Insulation Resistance
(@ 500 VDC)

>200 GΩ

O-rings

-

Dielectric Strength
DC Test Voltage

>3,5 KV

Base Material

Body Parts	Brass CuZn39Pb3 / POM
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Max. Tensile Strength
Overall

15 Kgf
147 N

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength
(Connector / Cable)

* NATM

Insulators

POM

Test performed by
Date of release

Sven-Erik Sandberg
October 27, 2011

Remarks

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

ISO 9001:2008 / 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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