

DATA SHEET

Item no.	99909441	Connector type	F-56-CX3 4,9
		For cable	DRAKA COAX10 AD 10 E

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	Cabledata
Shielding Effectiveness (CoMeT)	85 dB @ 30-862MHz



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

(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-36 dB	-38,9 dB
500 - 860 MHz	-34 dB	-36,8 dB
860 - 1000 MHz	-33 dB	-35,4 dB
1000 - 1750 MHz	-27 dB	-29,7 dB
1750 - 2150 MHz	-22 dB	-25,4 dB
2150 - 3000 MHz	-17 dB	-19,4 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 1750 MHz	-0,07 dB	-0,02 dB
1750 - 2150 MHz	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,08 dB	-0,03 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation

3rd Order (@2x100mW)	IM3	IP3-value
	139 dBc	89 dBm

Insulation Resistance

@ 500 V)	Cabledata
----------	-----------

Sealing Test

(IEC IP-code)	IP X8 30 meter / 8 hours
---------------	--------------------------

Inner Conductor Resistance

@ 1 A DC)	Cabledata
-----------	-----------

Max. Tensile Strength

Overall	150 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	

Plating

Body Parts	Nitin-6
Inner Conductor	

Dielectric Strength

DC Test Voltage	Cabledata
-----------------	-----------

O-rings

	EPDM
--	------

Test performed by

	Jan M. Clausen
--	----------------

Insulators

	POM (Delrin)
--	--------------

Date of release

	February 01, 2005
--	-------------------

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon A/S, 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 041 rev 1

DATA SHEET

Item no. 99904840

Connector type

F-56-ALM 4,9/8,4

STANDARD ITEM

For cable

Draka Coax10 AD 10 E

Frequency Range
Impedance (Nom.)
Amp. Rating

0.3 - 3000 MHz

75 Ω

Cabledata

Shielding Effectiveness(CoMeT)

83 dB @ 30-862MHz

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

(RF Analyzer HP 8714C)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

Better than Typical

Better than	Typical
-38 dB	-41,0 dB
-36 dB	-39,4 dB
-35 dB	-38,6 dB
-29 dB	-31,9 dB
-25 dB	-28,2 dB
-20 dB	-23,4 dB

Insertion Loss Max.

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

Better than Typical

Better than	Typical
-0,06 dB	-0,01 dB
-0,06 dB	-0,01 dB
-0,07 dB	-0,02 dB
-0,07 dB	-0,02 dB
-0,07 dB	-0,02 dB
-0,09 dB	-0,04 dB

Temperature

Installing
Operating
Storing

-5° to +50° C

-40° to +100° C

-40° to +100° C

Intermodulation

3rd Order Product(@2x 100mW)

IM3

IP3-value

135 dBc

87 dBm

Insulation Resistance

(@ 500 V)

Cabledata

Inner Conductor

Resistance max. @ 1 A DC

Cabledata

Max. Tensile Strength

Overall

150 N

Base Material

Body Parts
Inner

Brass CuZn39Pb3

Plating

Body Parts
Inner

Nitin-6

Dielectric Strength

DC Test Voltage

Cabledata

Test performed by

Florian Lütcher

Date of release

September 30, 2004

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon A/S, 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 041 rev 0

DATA SHEET

Item no. 99905140

Connector type
For cable

F-56-UNIV 4,9/8,4
STANDARD ITEM
Draka Coax10 AD 10 E

Frequency Range
Impedance (Nom.)
Amp. Rating

0.3 - 3000 MHz
75 Ω
Cabledata

Shielding Effectiveness(CoMeT)

80 dB @ 30-862MHz

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

(RF Analyzer HP 8714C)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-38 dB	-41,5 dB
500 - 860 MHz	-37 dB	-40,2 dB
860 - 1000 MHz	-36 dB	-39,2 dB
1000 - 1750 MHz	-30 dB	-33,1 dB
1750 - 2150 MHz	-27 dB	-30,0 dB
2150 - 3000 MHz	-22 dB	-25,3 dB

Insertion Loss Max.

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 1750 MHz	-0,09 dB	-0,04 dB
1750 - 2150 MHz	-0,09 dB	-0,04 dB
2150 - 3000 MHz	-0,09 dB	-0,04 dB

Temperature

Installing
Operating
Storing

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

Intermodulation

3rd Order Product(@2x 100mW)

IM3	IP3-value
135 dBc	87 dBm

Insulation Resistance

(@ 500 V)

Cabledata

Inner Conductor

Resistance max. @ 1 A DC

Cabledata

Max. Tensile Strength

Overall

150 N

Base Material

Body Parts
Inner

Brass CuZn39Pb3

Plating

Body Parts
Inner

Nitin-6

Dielectric Strength

DC Test Voltage

Cabledata

Test performed by

Florian Lütcher

Date of release

October 06, 2004

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon A/S, 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 041 rev 0