

DATA SHEET

Item no. 99903058	Connector type	F-59-ALM 3,7/6,4
	For cable	Draka Coax11 AD 08 S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	Cabledata
Transfer Impedance (CoMeT)	<2 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	126 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
	-40 dB	-43,0 dB
	-40 dB	-43,0 dB
	-39 dB	-41,8 dB
	-33 dB	-35,5 dB
	-31 dB	-34,0 dB
	-27 dB	-30,3 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
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,07 dB	-0,02 dB

Temperature

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

Intermodulation

3rd Order Product(@2x 100mW)

IM3	IP3-value
140 dBc	90 dBm

Insulation Resistance
(@ 500 V)

Cabledata

Inner Conductor

Resistance max. @ 1 A DC

Cabledata

Max. Tensile Strength

Overall	150 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	

Plating

Body Parts	Nitin-6
Inner	

Dielectric Strength

DC Test Voltage	Cabledata
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Test performed by

Florian Lütcher

Date of release

September 30, 2004

Remarks

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ISO 9001:2000 / ISO 14001 certified

Distributor:



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 E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk

DATA SHEET

Item no. 99909416

Connector type
For cable

F-59-CX3 3,7
Draka Coax11 AD 08 S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	Cabledata
Transfer Impedance (CoMeT)	<2 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	112 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	-40 dB	-43,0 dB
500 - 860 MHz	-38 dB	-40,6 dB
860 - 1000 MHz	-37 dB	-39,2 dB
1000 - 1750 MHz	-33 dB	-35,9 dB
1750 - 2150 MHz	-31 dB	-33,9 dB
2150 - 3000 MHz	-26 dB	-30,1 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	-0,06 dB	-0,01 dB
1750 - 2150 MHz	-0,06 dB	-0,01 dB
2150 - 3000 MHz	-0,06 dB	-0,01 dB

Temperature

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

Intermodulation

3rd Order Product(@2x 100mW)	IM3 140 dBc	IP3-value 90 dBm
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Insulation Resistance

(@ 500 V)	Cabledata
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Sealing Test

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

Resistance max. @ 1 A DC	Cabledata
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Max. Tensile Strength

Overall	170 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	

Plating

Body Parts	Nitin-6
Inner	

Dielectric Strength

DC Test Voltage	Cabledata
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O-rings

	EPDM
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Test performed by

	Florian Lütcher
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Insulators

	Delrin
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Date of release

	September 30, 2004
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Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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