

DATA SHEET

Item no.	99904890	Connector type	F-56-ALM 5,1/8,4
		For cable	Draka Coax9 AD 11 A

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	Cabledata
Shielding Effectiveness(CoMeT)	>90 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
	-37 dB	-39,7 dB
	-33 dB	-35,4 dB
	-31 dB	-34,1 dB
	-25 dB	-27,5 dB
	-22 dB	-25,4 dB
	-19 dB	-21,8 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
	-0,07 dB	-0,02 dB
	-0,08 dB	-0,03 dB
	-0,08 dB	-0,03 dB
	-0,09 dB	-0,04 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
152 dBc	96 dBm

Insulation Resistance
(@ 500 V)

Cabledata

Inner Conductor

Resistance max. @ 1 A DC

Cabledata

Max. Tensile Strength

Overall	280 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	

Plating

Body Parts	Nitin-6
Inner	

Dielectric Strength

AC Test Voltage	Cabledata
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Test performed by

Jan M. Clausen

Insulators

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Date of release

November 12, 2003

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:



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DATA SHEET

Item no.	99905200	Connector type	F-56-UNIV 5,1/8,8
		For cable	Draka Coax9 AD 11 A

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	Cabledata
Transfer Impedance (CoMeT)	* <6 mΩ/m @ 5-30MHz
	<0,2 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>95 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
	-30 dB	-32,6 dB
	-28 dB	-30,1 dB
	-28 dB	-30,0 dB
	-24 dB	-26,6 dB
	-22 dB	-26,0 dB
	-18 dB	-19,6 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
	-0,07 dB	-0,02 dB
	-0,12 dB	-0,07 dB
	-0,10 dB	-0,05 dB
	-0,10 dB	-0,04 dB

Temperature

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

Intermodulation

3rd Order (@2x100mW)

IM3	IP3-value
140 dBc	90 dBm

Insulation Resistance

(@ 500 V) Cabledata

Inner Conductor Resistance

(@ 1 A DC) Cabledata

Max. Tensile Strength

Overall	300 N
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Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	

Plating

Body Parts	Nitin-6
Inner Conductor	

Dielectric Strength

DC Test Voltage Cabledata

Test performed by

Florian Lütcher

Date of release

May 06, 2005

Remarks

* Transfer Impedance (CoMeT) < 4 m ohm/m @ 5-30 MHz, measured on Coax9 AD 11 S cable.

ISO 9001:2000 / ISO 14001 certified

Distributor:



DATA SHEET

Item no. 99909446	Connector type	F-56-CX3 5,1
	For cable	Draka Coax9 AD 11 A

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	Cabledata
Shielding Effectiveness(CoMeT)	>90 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	-42,8 dB
	-35 dB	-38,0 dB
	-34 dB	-36,5 dB
	-27 dB	-29,1 dB
	-24 dB	-26,5 dB
	-20 dB	-22,4 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
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,07 dB	-0,02 dB
	-0,07 dB	-0,02 dB
	-0,09 dB	-0,04 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
	137 dBc	88 dBm

Sealing Test
(IEC IP-code)

IP X8 30 meter / 8 hours

Insulation Resistance
(@ 500 V)

Cabledata

Max. Tensile Strength

Overall	300 N

Inner Conductor
Resistance max. @ 1 A DC

Cabledata

Dielectric Strength
AC Test Voltage

Cabledata

Base Material

Body Parts	Brass CuZn39Pb3
Inner	

O-rings

EPDM

Plating

Body Parts	Nitin-6
Inner	

Insulators

Delrin

Test performed by

Florian Lütcher

Remarks

Date of release

November 11, 2003

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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