

DATA SHEET

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

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	Cabledata
Transfer Impedance (CoMeT)	<3 mΩ/m @ 5-30MHz
	<0,2 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	>120 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
	-36 dB	-38,3 dB
	-31 dB	-33,3 dB
	-30 dB	-32,0 dB
	-24 dB	-26,0 dB
	-19 dB	-21,6 dB
	-18 dB	-19,9 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
155 dBc	97 dBm

Insulation Resistance
(@ 500 V)

Cabledata

Inner Conductor

Resistance max. @ 1 A DC

Cabledata

Max. Tensile Strength

Overall	300 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

Date of release

November 12, 2003

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:



DATA SHEET

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

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	Cabledata
Transfer Impedance (CoMeT)	<4 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>120 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
	-35 dB	-37,7 dB
	-30 dB	-32,7 dB
	-29 dB	-31,4 dB
	-23 dB	-25,2 dB
	-23 dB	-25,2 dB
	-19 dB	-20,1 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 (@2x100mW)

IM3	IP3-value
150 dBc	95 dBm

Insulation Resistance

@ 500 V)	Cabledata
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Inner Conductor Resistance

@ 1 A DC)	Cabledata
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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
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Test performed by

Florian Lütcher

Date of release

May 06, 2005

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:



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

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	Cabledata
Transfer Impedance (CoMeT)	<5 mΩ/m @ 5-30MHz
	<0,2 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	>120 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	-37 dB	-39,1 dB
500 - 860 MHz	-32 dB	-34,3 dB
860 - 1000 MHz	-31 dB	-33,3 dB
1000 - 1750 MHz	-24 dB	-26,7 dB
1750 - 2150 MHz	-23 dB	-25,4 dB
2150 - 3000 MHz	-19 dB	-22,3 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	-0,07 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
	148 dBc	94 dBm

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	240 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	

Plating

Body Parts	Nitin-6
Inner	

Dielectric Strength

AC 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

	November 10, 2003
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Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04
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DATA SHEET

Item no. 31000101	Connector type	SP 01
	For cable	Draka Coax9 AD 11S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	3 A
Transfer Impedance (CoMeT)	<3 mΩ/m @ 5-30MHz
	<0,3 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	100 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	-21 dB	-24,0 dB
500 - 860 MHz	-21 dB	-23,7 dB
860 - 1000 MHz	-21 dB	-24,0 dB
1000 - 1750 MHz	-21 dB	-24,8 dB
1750 - 2150 MHz	-18 dB	-20,9 dB
2150 - 3000 MHz	-14 dB	-17,7 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,10 dB	-0,05 dB
860 - 1000 MHz	-0,10 dB	-0,05 dB
1000 - 1750 MHz	-0,08 dB	-0,03 dB
1750 - 2150 MHz	-0,17 dB	-0,12 dB
2150 - 3000 MHz	-0,30 dB	-0,12 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation

3rd Order Product(@2x 100mW)	IM3	IP3-value
	150 dBc	95 dBm

Insulation Resistance

(@ 500 V)	>29,99 GΩ
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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	<1 mΩ
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Max. Tensile Strength

Overall	180 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	Tin Bronze

Plating

Body Parts	Nitin-6
Inner	Nitin-6

Dielectric Strength

AC Test Voltage	1 KV
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O-rings

	EPDM
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Test performed by

	Florian Lütcher
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Insulators

	PP with Glass
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Date of release

	May 13, 2004
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Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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Rev. 020403

Item no.	57010114	Connector type	5/8MU-01 47mm
		For cable	Draka Coax9 AD 11S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	8 A
Transfer Impedance (CoMeT)	<1,5 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>114 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
	-26 dB	-28,9 dB
	-22 dB	-24,4 dB
	-21 dB	-23,0 dB
	-19 dB	-21,5 dB
	-21 dB	-23,8 dB
	-09 dB	-10,5 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	-0,02 dB
	-0,07 dB	-0,03 dB
	-0,08 dB	-0,04 dB
	-0,09 dB	-0,05 dB
	-0,09 dB	-0,05 dB
	-2,10 dB	-1,84 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Insulation Resistance
(@ 500 V)

	>29,99 GΩ
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Sealing Test
(IEC IP-code)

IP X8 30 meter / 8 hours

Inner Conductor

Resistance max. @ 1 A DC	<1,5 mΩ
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Max. Tensile Strength
Overall

180 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	Brass CuZn39Pb3

Dielectric Strength
AC Test Voltage

1,3 KV

Plating

Body Parts	Nitin-6
Inner	Nitin-6

O-rings

EPDM

Test performed by

Florian Lütcher

Insulators

PE / PP with Glass

Date of release

February 24, 2004

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

