

DATA SHEET

Item no.	49030900	Connector type	3,5/12M-309
		For cable	Draka Coax4 CT 22 A

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	15 A
Transfer Impedance (CoMeT)	<5 mΩ/m @ 5-30MHz
	<3 mΩ/item @ 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	-35,0 dB	-37,9 dB
500 - 860 MHz	-32,0 dB	-34,4 dB
860 - 1000 MHz	-30,0 dB	-32,8 dB
1000 - 1750 MHz	-22,0 dB	-23,7 dB
1750 - 2150 MHz	-20,0 dB	-21,9 dB
2150 - 3000 MHz	-20,0 dB	-22,0 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,10 dB	-0,05 dB
500 - 860 MHz	-0,13 dB	-0,08 dB
860 - 1000 MHz	-0,13 dB	-0,08 dB
1000 - 1750 MHz	-0,17 dB	-0,12 dB
1750 - 2150 MHz	-0,25 dB	-0,17 dB
2150 - 3000 MHz	-0,29 dB	-0,24 dB

Temperature

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

Intermodulation

3rd Order Product (2x100mW)	IM3	IP3-value
	145 dBc	92 dBm

Insulation Resistance

(@ 500 V)

>29,99 GΩ

Sealing Test

(IEC IP-code)

IP X8 30 meter / 8 hours

Inner Conductor

Resistance max. @ 1 A DC	<0,7 mΩ
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Max. Tensile Strength

Overall

900 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	Brass CuZn39Pb3

Plating

Body Parts	Nitin-6
Inner	Nitin-6

Dielectric Strength

AC Test Voltage

3,3 KV

O-rings

EPDM

Test performed by

Florian Lütcher

Insulators

PE / Delrin / PP with Glass

Date of release

December 02, 2003

Remarks

ISO 9001 certified

Distributor:

CABELCON
connectors

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