

DATA SHEET

Item no.	27530300	Connector type	3,5/12M-C303
		For cable	Draka Coax4 CT 22 S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	15 A
Transfer Impedance (CoMeT)	<1 mΩ/m @ 5-30MHz
	<0,1 mΩ/con. @ 5-30MHz
Shielding Effectiveness(CoMeT)	>135 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	-32,5 dB	-34,9 dB
500 - 860 MHz	-32,5 dB	-34,7 dB
860 - 1000 MHz	-33,5 dB	-35,8 dB
1000 - 1750 MHz	-32,5 dB	-34,6 dB
1750 - 2150 MHz	-26,0 dB	-28,2 dB
2150 - 3000 MHz	-24,0 dB	-26,0 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	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,08 dB	-0,03 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +85° C
Storing	-40° to +85° C

Intermodulation

3rd Order Product(@2x 20W)	IM3	IP3-value
	160 dBc	123 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	1600 N
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Base Material

Body Parts	Brass CuZn39Pb3
Inner	Brass CuZn39Pb3

Plating

Body Parts	Nitin-6
Inner	Nitin-6

Dielectric Strength

AC Test Voltage	3 KV
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O-rings

	EPDM
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Test performed by

	Florian Lütcher
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Insulators

	COC / PP with Glass
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Date of release

	October 31, 2004
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Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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