

DATA SHEET

Item no.	45023200	Connector type For cable	IEC14M-32
			CAVEL DG163 TS11J RG11 17/73

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	8 A
Transfer Impedance (CoMeT)	<5 mΩ/m @ 5-30MHz
	<0,5 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)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

	Better than	Typical
	-26 dB	-29,0 dB
	-25 dB	-27,6 dB
	-25 dB	-28,0 dB
	-26 dB	-29,5 dB
	-24 dB	-27,4 dB
	-16 dB	-19,5 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
	-0,11 dB	-0,07 dB
	-0,14 dB	-0,10 dB
	-0,15 dB	-0,11 dB
	-0,19 dB	-0,15 dB
	-0,22 dB	-0,18 dB
	-0,38 dB	-0,34 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
135 dBc	87 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	<1 mΩ
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Max. Tensile Strength

Overall

700 N

Base Material

Body Parts	Brass CuZn39Pb3
Inner	Brass CuZn39Pb3

Plating

Body Parts	Nitin-6
Inner	Nitin-6

Dielectric Strength

AC Test Voltage

2,5 KV

O-rings

EPDM

Test performed by

Florian Lütcher

Insulators

PE / PP with Glass

Date of release

April 02, 2004

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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