

Item no. 49064600

Connector type 3,5/12M-46
For cable CAVEL 34/145FC -AP

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating	20 A
Transfer Impedance (CoMeT)	<3 mΩ/m @ 5-30MHz
Shielding Effectiveness (CoMeT)	102 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 8719D / 8714C)

	Better than	Typical
0.3 - 500 MHz	-37 dB	-40,3 dB
500 - 860 MHz	-35 dB	-37,3 dB
860 - 1000 MHz	-33 dB	-35,1 dB
1000 - 1750 MHz	-22 dB	-24,2 dB
1750 - 2150 MHz	-21 dB	-24,0 dB
2150 - 3000 MHz	-20 dB	-23,0 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,03 dB
500 - 860 MHz	-0,09 dB	-0,05 dB
860 - 1000 MHz	-0,09 dB	-0,05 dB
1000 - 1750 MHz	-0,13 dB	-0,09 dB
1750 - 2150 MHz	-0,13 dB	-0,09 dB
2150 - 3000 MHz	-0,17 dB	-0,14 dB

Temperature

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

Intermodulation

3rd Order Product (2x100mW)	IM3 133 dBc	IP3-value 96,5 dBm
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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	<0,8 mΩ
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Max. Tensile Strength

Overall	1500 N
Inner Conductor	

Base Material

Body Parts	Brass CuZn39Pb3
Inner	Brass CuZn39Pb3

Plating

Body Parts	Nitin-6
Inner	Nitin-6

Dielectric Strength

AC Test Voltage	>5 kV
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O-rings

	EPDM
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Test performed by

	Jan M. Clausen
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Insulators

	PE / Delrin / PP with Glass
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Date of release

	October 29, 2003
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Remarks

ISO 9001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon ApS, Industriparken 10, DK 4760 Vordingborg
Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04
E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk

Rev. 020403