

Item no. 99909510-01

Connector type
For cable

FM-RG11-CX3 7.5
Braun TeleCom KKL 1,6/7,2

Frequency Range

Impedance (Nom.)

Amp. Rating (measured)
(calculated)

Transfer Impedance (CoMeT)

Shielding Effectiveness(CoMeT)

0.3 - 3000 MHz
75 Ω
7,5 A @10°C increase
10,5 A @20°C increase
< 0,9 mΩ/m @ 5-30MHz
<0,04 mΩ/item @ 5-30MHz
130 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 (IEC 61169-1)

(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
-37 dB	-39,5 dB
-33 dB	-36,0 dB
-32 dB	-35,1 dB
-29 dB	-31,7 dB
-28 dB	-31,1 dB
-25 dB	-27,5 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
-0,08 dB	-0,03 dB
-0,09 dB	-0,04 dB
-0,09 dB	-0,04 dB
-0,11 dB	-0,06 dB
-0,11 dB	-0,06 dB
-0,11 dB	-0,06 dB

Temperature

Installing
Operating
Storing

-5° to +50° C
-40° to +70° C
-40° to +70° C

Intermodulation

3rd Order (@2x1W)

IM3

IP3-value

-120 dBc	+89 dBm
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Inner Conductor Resistance

(@ 1 A DC)

1,0 mΩ

Sealing Test

(IEC IP-code)

IP X8	30 meter / 8 hours
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Insulation Resistance

(@ 500 VDC)

29,99 GΩ

O-rings

EPDM

Dielectric Strength

DC Test Voltage

3,0 KV

Base Material

Body Parts

Brass CuZn39Pb3 / Tin bronze / POM

Inner Conductor

Brass CuZn36Pb3

Max. Tensile Strength

Overall

500 N

Plating

Body Parts

Nitin-6

Inner Conductor

Nitin-6

Torsional Strength

(Connector / Cable)

1,8 Nm

Insulators

PE / POM

Test performed by

Date of release

Sven-Erik Sandberg

August 02, 2007

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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