

Item no. 99909403-02

Connector type FM-60-CX3 Mini 4.0
For cable Belden 1855A

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	3,0 A @10°C increase
(calculated)	4,2 A @20°C increase
Transfer Impedance (CoMeT)	<5,0 mΩ/m @ 5-30MHz
	<0,2 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	>95 dB @ 30-1000MHz
	>80 dB @ 1000-3000MHz

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)
(Rhode und Schwarz ZVB-8)

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

	Better than	Typical
0.3 - 500 MHz	-42 dB	-44,7 dB
500 - 860 MHz	-37 dB	-40,2 dB
860 - 1000 MHz	-36 dB	-39,3 dB
1000 - 1750 MHz	-35 dB	-38,0 dB
1750 - 2150 MHz	-34 dB	-36,9 dB
2150 - 3000 MHz	-32 dB	-35,3 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
0.3 - 500 MHz	-0,08 dB	-0,03 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,09 dB	-0,04 dB
1000 - 1750 MHz	-0,11 dB	-0,06 dB
1750 - 2150 MHz	-0,12 dB	-0,07 dB
2150 - 3000 MHz	-0,17 dB	-0,12 dB

Temperature

Installing
Operating
Storing

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation

3rd Order (@2x100mW)

IM3	IP3-value
-150 dBc	95 dBm

Inner Conductor Resistance

(@ 1 A DC)

2,4 mΩ

Sealing Test

(IEC IP-code)

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Insulation Resistance

(@ 500 VDC)

>200 GΩ

O-rings

-

Dielectric Strength

DC Test Voltage

>2,0 KV

Base Material

Body Parts
Inner Conductor

Brass CuZn39Pb3
Brass CuZn39Pb3 / Beryllium copper

Max. Tensile Strength

Overall
Inner Conductor

>9,0 Kgf
>88,3 N

Plating

Body Parts
Inner Conductor

Nitin-6
Nitin-6

Torsional Strength

(Connector / Cable)

* NATM

Insulators

POM

Test performed by

Date of release

Søren B. Sørensen
May 30, 2011

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector losing its grip.

ISO 9001:2008 / ISO 14001 certified

Distributor:

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

CABELCON
connectors