

Item no. 99909402-02

Connector type FM-60-CX3 Mini 3.1
For cable Draka 0.41-1.9AF

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured) (calculated)	2,5 A @10°C increase
	3,5 A @20°C increase
Shielding Effectiveness (CoMeT)	>93 dB @ 30-1000MHz >88 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	-39 dB	-41,5 dB
500 - 860 MHz	-37 dB	-39,7 dB
860 - 1000 MHz	-37 dB	-39,5 dB
1000 - 1750 MHz	-36 dB	-39,2 dB
1750 - 2150 MHz	-36 dB	-38,2 dB
2150 - 3000 MHz	-34 dB	-37,2 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	-0,10 dB	-0,05 dB
1000 - 1750 MHz	-0,12 dB	-0,07 dB
1750 - 2150 MHz	-0,13 dB	-0,08 dB
2150 - 3000 MHz	-0,15 dB	-0,10 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
-135 dBc	+87 dBm

Inner Conductor Resistance

(@ 1 A DC)

3,5 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

>4,0 Kgf
>39,2 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 loosing its grip.

ISO 9001:2008 / ISO 14001 certified

Distributor:

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CABELCON
connectors