

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 Ohm

Amp. Rating (measured)

2.5 A @10°C increase

(calculated)

3.5 A @20°C increase

Product photo



Screening Attenuation(CoMeT)

Class A
>93 dB @ 30-1000MHz
>88 dB @ 1000-2000MHz
>88 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)

	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.

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

Intermodulation

IM3

3rd Order (@2x100mW)

-135 dBc

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

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Dielectric Strength DC Test Voltage

>2.0 KV

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Max. Tensile Strength Overall

>4.0 Kgf
>39.2 N

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength (Connector / Cable)

* NATM

Insulators

POM

Test performed by

Søren B. Sørensen

Date of release

May 19, 2015

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

All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.