

Item no. 99909403-02

Connector type
For cable

FM-60-CX3 Mini 4.0

Belden 1855A

Frequency Range

Impedance (Nom.)

Amp. Rating (measured)

(calculated)

Transfer Impedance (CoMeT)

Shielding Effectiveness(CoMeT)

0.3 - 3000 MHz

75 Ω

3,0 A @10°C increase

4,2 A @20°C increase

<5,0 mΩ/m @ 5-30MHz

<0,2 mΩ/con. @ 5-30MHz

>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

-42 dB	-44,7 dB
-37 dB	-40,2 dB
-36 dB	-39,3 dB
-35 dB	-38,0 dB
-34 dB	-36,9 dB
-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

-0,08 dB	-0,03 dB
-0,09 dB	-0,04 dB
-0,09 dB	-0,04 dB
-0,11 dB	-0,06 dB
-0,12 dB	-0,07 dB
-0,17 dB	-0,12 dB

Temperature

Installing
Operating
Storing

-5° to +50° C

-40° to +100° C

-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)

-

Insulation Resistance

(@ 500 VDC)

>200 GΩ

O-rings

-

Dielectric Strength

DC Test Voltage

>2,0 KV

Base Material

Body Parts

Brass CuZn39Pb3

Inner Conductor

Brass CuZn39Pb3 / Beryllium copper

Max. Tensile Strength

Overall

>9,0 Kgf

Inner Conductor

>88,3 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 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:

CABELCON
connectors

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