

Item no. 99909404-01

Connector type FM-60-CX3 MINI 4.5
For cable Belden YE01842 MINI RG 59 0.65/2.90

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	3,5 A @10°C increase
	(calculated) 4,9 A @20°C increase
Transfer Impedance (CoMeT)	5,6 mΩ/m @ 5-30MHz
	0,15 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>100 dB @ 30-1000MHz
	>100 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)

	Better than	Typical
0.3 - 500 MHz	-33 dB	-35,4 dB
500 - 860 MHz	-32 dB	-34,8 dB
860 - 1000 MHz	-32 dB	-34,4 dB
1000 - 1750 MHz	-30 dB	-32,8 dB
1750 - 2150 MHz	-30 dB	-32,6 dB
2150 - 3000 MHz	-29 dB	-32,1 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,24 dB	-0,19 dB
500 - 860 MHz	-0,30 dB	-0,25 dB
860 - 1000 MHz	-0,32 dB	-0,27 dB
1000 - 1750 MHz	-0,42 dB	-0,37 dB
1750 - 2150 MHz	-0,47 dB	-0,42 dB
2150 - 3000 MHz	-0,56 dB	-0,51 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation

3rd Order (@2x100mW)	IM3 -150 dBc	IP3-value +95 dBm
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Inner Conductor Resistance

@ 1 A DC	2,1 mΩ
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Sealing Test

(IEC IP-code)	-
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Insulation Resistance

@ 500 VDC	>200 GΩ
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O-rings

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Dielectric Strength

DC Test Voltage	1,0 KV
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Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Beryllium copper / Brass CuZn39Pb3

Max. Tensile Strength

Overall	49 N
	5,0 Kgf

Plating

Body Parts	Nitin-6
Inner Conductor	Tin / Nitin-6

Torsional Strength

(Connector / Cable)	* NATM
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Insulators

POM / PE

Test performed by

Sven-Erik Sandberg

Date of release

January 20, 2010

Remarks

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

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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