

DATA SHEET

Item no. 99909404-05

Connector type FM-60-CX3 MINI 4.5
For cable Bedea Telass BG 0,6 2,8C CUF-PVC

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)	<2,5 mΩ/m @ 5-30MHz
	<0,07 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>95 dB @ 30-1000MHz
	>75 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	-34 dB	-36,9 dB
500 - 860 MHz	-31 dB	-33,7 dB
860 - 1000 MHz	-30 dB	-32,6 dB
1000 - 1750 MHz	-25 dB	-27,6 dB
1750 - 2150 MHz	-24 dB	-27,0 dB
2150 - 3000 MHz	-20 dB	-23,2 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,09 dB	-0,04 dB
1000 - 1750 MHz	-0,12 dB	-0,07 dB
1750 - 2150 MHz	-0,14 dB	-0,09 dB
2150 - 3000 MHz	-0,20 dB	-0,15 dB

Temperature

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

Intermodulation

3rd Order (@2x100mW)	IM3	IP3-value
	-120 dBc	+80 dBm

Inner Conductor Resistance

@ 1 A DC	2,5 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	2,0 KV
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Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Beryllium copper / Brass CuZn39Pb3

Max. Tensile Strength

Overall	6,0 Kg.
	59 N

Plating

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

Torsional Strength

(Connector / Cable)	* NATM
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Insulators

POM

Test performed by

Troels V. Kristensen

Date of release

November 05, 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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