

Item no. 99909446-01

Connector type F-56-CX3 5.1  
For cable CAVEL DG113 SAT703 etc. RG6 RG6+

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	Cable data
(calculated)	Cable data
<b>Transfer Impedance</b> (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,02 mΩ/con. @ 5-30MHz
<b>Shielding Effectiveness</b> (CoMeT)	>130 dB @ 30-1000MHz
	>120 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
	-34 dB	-37,1 dB
	-34 dB	-37,1 dB
	-34 dB	-37,1 dB
	-34 dB	-37,1 dB
	-33 dB	-36,3 dB
	-27 dB	-30,0 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
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,06 dB	-0,01 dB
	-0,07 dB	-0,02 dB
	-0,10 dB	-0,05 dB

**Temperature**

Installing  
Operating  
Storing

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

**Intermodulation**

3rd Order (@2x100mW)

IM3	IP3-value
-155 dBc	+97 dBm

**Inner Conductor Resistance**

(@ 1 A DC)

Cable data
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**Sealing Test**

(IEC IP-code)

IP X8 30 meter / 8 hours
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**Insulation Resistance**

(@ 500 VDC)

Cable data
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**O-rings**

EPDM
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**Dielectric Strength**

DC Test Voltage

Cable data
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**Base Material**

Body Parts  
Inner Conductor

Brass CuZn39Pb3 / POM (Delrin)
Cable data

**Max. Tensile Strength**

Overall

23,4 Kgf
230 N

**Plating**

Body Parts  
Inner Conductor

Nitin-6
Cable data

**Torsional Strength**

(Connector / Cable)

* NATM
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**Insulators**

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**Test performed by**

**Date of release**

Sven-Erik Sandberg
June 08, 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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