DATA SHEET

Item no.	99909446-01	**Connector type**	F-56-CX3 5.1
		For cable	Ören kablo HD 113

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,02 mΩ/con. @ 5-30MHz
Shielding Effectiveness(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)

	Better than	Typical
0.3 - 500 MHz	-34 dB	-37,1 dB
500 - 860 MHz	-34 dB	-37,1 dB
860 - 1000 MHz	-34 dB	-37,1 dB
1000 - 1750 MHz	-34 dB	-37,1 dB
1750 - 2150 MHz	-33 dB	-36,3 dB
2150 - 3000 MHz	-27 dB	-30,0 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 1750 MHz	-0,06 dB	-0,01 dB
1750 - 2150 MHz	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,10 dB	-0,05 dB

Temperature

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

Intermodulation

	IM3	IP3-value
3rd Order (@2x100mW)	-155 dBc	+97 dBm

Inner Conductor Resistance
(@ 1 A DC) Cable data

Sealing Test
(IEC IP-code) IP X8 30 meter / 8 hours

Insulation Resistance
(@ 500 VDC) Cable data

Dielectric Strength
DC Test Voltage Cable data

O-rings EPDM

Base Material

Body Parts	Brass CuZn39Pb3 / POM (Delrin)
Inner Conductor	Cable data

Max. Tensile Strength

Overall	23,4 Kgf
	230 N

Plating

Body Parts	Nitin-6
Inner Conductor	Cable data

Torsional Strength
(Connector / Cable) * NATM

Insulators -

Test performed by Sven-Erik Sandberg
Date of release 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:

Corning Cabelcon ApS, Industriparken 10, DK 4760 Vordingborg
Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04
E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk