

Item no. 99909441-01

Connector type F-56-CX3 4.9
For cable Ören Kablo HD 103

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	<2,5 mΩ/m @ 5-30MHz
	<0,1 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	>140 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
0.3 - 500 MHz	-38 dB	-41,3 dB
500 - 860 MHz	-38 dB	-41,3 dB
860 - 1000 MHz	-38 dB	-41,3 dB
1000 - 1750 MHz	-38 dB	-40,9 dB
1750 - 2150 MHz	-37 dB	-39,5 dB
2150 - 3000 MHz	-35 dB	-37,5 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
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-0,07 dB	-0,01 dB
1000 - 1750 MHz	-0,07 dB	-0,02 dB
1750 - 2150 MHz	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,07 dB	-0,02 dB

Temperature

Installing
Operating
Storing

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

Intermodulation

3rd Order (@2x100mW)

IM3	IP3-value
-145 dBc	+92 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

O-rings

EPDM

Dielectric Strength

DC Test Voltage

Cable data

Base Material

Body Parts
Inner Conductor

Brass CuZn39Pb3 / POM (Delrin)

Max. Tensile Strength

Overall

> 294 N
>30 Kgf

Plating

Body Parts
Inner Conductor

Nitin-6
-

Torsional Strength

(Connector / Cable)

* NATM

Insulators

-

Test performed by

Date of release

Troels V. Kristensen
April 14, 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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