

DATA SHEET

Item no.	PLU010614	Connector type	F-56-CX3 5.1
		For cable	Ören kablo HD 113

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

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	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

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Test performed by
Date of release

Sven-Erik Sandberg
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Remarks

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