DATA SHEET

Item no.	99909690	Connector type	IECF-56 5.1 SELF INSTALL
		For cable	Ören Kablo HD 113

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	7,0 A @10°C increase
(calculated)	9,8 A @20°C increase
Transfer Impedance (CoMeT)	< 5,0 mΩ/m @ 5-30MHz
	< 0,2 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	> 100 dB @ 30-1000MHz
	> 90 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	-29 dB	-32,3 dB
500 - 860 MHz	-24 dB	-27,1 dB
860 - 1000 MHz	-22 dB	-25,2 dB
1000 - 1750 MHz	-20 dB	-22,8 dB
1750 - 2150 MHz	-18 dB	-20,5 dB
2150 - 3000 MHz	-12 dB	-14,7 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,11 dB	-0,06 dB
500 - 860 MHz	-0,13 dB	-0,08 dB
860 - 1000 MHz	-0,14 dB	-0,09 dB
1000 - 1750 MHz	-0,23 dB	-0,18 dB
1750 - 2150 MHz	-0,30 dB	-0,25 dB
2150 - 3000 MHz	-0,43 dB	-0,38 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation	IM3	IP3-value
3rd Order (@2x100mW)	-135 dBc	+87 dBm

Inner Conductor Resistance (@ 1 A DC): 2,0 mΩ

Sealing Test (IEC IP-code): -

Insulation Resistance (@ 500 VDC): > 200 GΩ

O-rings: -

Dielectric Strength DC Test Voltage: > 3,0 KV

Base Material

Body Parts	Brass CuZn39Pb3 / POM
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Max. Tensile Strength Overall: 20,4 Kgf / 200 N

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength (Connector / Cable): * NATM

Insulators: POM

Test performed by: Troels V. Kristensen
Date of release: November 15, 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:

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