

Item no.	99909496-03	Connector type	IECF-6-TD 5.1
		For cable	Ören HD 113
Frequency Range	0.3 - 3000 MHz	Product photo	
Impedance (Nom.)	75 Ohm		
Amp. Rating (measured)	3.0 A @10°C increase		
(calculated)	4.2 A @20°C increase		
Transfer Impedance (CoMeT)	Class A		
	<5 mΩ/m @ 5-30MHz		
	<1.5 mΩ/item @ 5-30MHz		
Screening Attenuation(CoMeT)	Class A		
	>85 dB @ 30-1000MHz		
	>75 dB @ 1000-2000MHz		
	>65 dB @ 2000-3000MHz		
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.
0.3 - 500 MHz	-21 dB	-24.0 dB	0.3 - 500 MHz
500 - 860 MHz	-20 dB	-22.7 dB	500 - 860 MHz
860 - 1000 MHz	-19 dB	-22.2 dB	860 - 1000 MHz
1000 - 1750 MHz	-17 dB	-19.4 dB	1000 - 1750 MHz
1750 - 2150 MHz	-15 dB	-18.0 dB	1750 - 2150 MHz
2150 - 3000 MHz	-13 dB	-15.7 dB	2150 - 3000 MHz
Temperature			IM3
Installing	-5° to +50° C		3rd Order (@2x+27dBm)
Operating	-40° to +70° C		
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)
			<2.5 mΩ
Sealing Test (IEC IP-code)			Insulation Resistance (@ 500 VDC)
			>200 GΩ
O-rings			Dielectric Strength DC Test Voltage
			>2.5 KV
Base Material			Max. Tensile Strength
Body Parts	Brass / POM		Overall
Inner Conductor	Beryllium copper		>12 Kgf
			>118 N
Plating			Torsional Strength (Connector / Cable)
Body Parts	Nitin		* NATM
Inner Conductor	Nitin		
Insulators	PE		Test performed by
			Approved by
			Date of release
			Susanne Lindharth
			Søren Baldus-Kunze
			June 08, 2021

Remarks

* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. Tensile strength can be limited by the strength of the cable. Please refer to the cable data.

Connector designed according to the standard IEC 61169-8 (type BNC)

All tests performed using instruments calibrated in accordance to our ISO 9001 certification.

Further technical specifications and installation instructions can be obtained on request.