


Item no.	99909486-04		Connector type	IECM-6-TD 5.1	
			For cable	Ören HD113	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	8.5 A @10°C increase				
(calculated)	12.0 A @20°C increase				
Transfer Impedance (CoMeT)	Class A				
	<5.0 mΩ/m @ 5-30MHz				
	<2.5 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.	Better than	Typical
0.3 - 500 MHz	-17 dB	-22.6 dB	0.3 - 500 MHz	-0.10 dB	-0.05 dB
500 - 860 MHz	-16 dB	-21.6 dB	500 - 860 MHz	-0.12 dB	-0.07 dB
860 - 1000 MHz	-16 dB	-21.2 dB	860 - 1000 MHz	-0.12 dB	-0.07 dB
1000 - 1750 MHz	-14 dB	-18.9 dB	1000 - 1750 MHz	-0.15 dB	-0.10 dB
1750 - 2150 MHz	-13 dB	-17.6 dB	1750 - 2150 MHz	-0.21 dB	-0.16 dB
2150 - 3000 MHz	-11 dB	-15.4 dB	2150 - 3000 MHz	-0.31 dB	-0.26 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	< 0.9 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 Overall	> 20 Kgf	
Body Parts	Brass CuZn39Pb3			> 196 N	
Inner Conductor	Beryllium copper		Torsional Strength (Connector / Cable)	* NATM	
Plating			Test performed by	Susanne Lindharth	
Body Parts	Nitin-6		Approved by	Anders Balcer	
Inner Conductor	Nitin-6		Date of release	June 16, 2022	
Insulators	POM / PE				
Remarks	*				

Connector designed according to the standard  
 All tests performed using instruments calibrated in accordance to our ISO 9001 certification.  
 Further technical specifications and installation instructions can be obtained on request.