


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	(< 0.9 mΩ	
			@ 1 A DC)		
Sealing Test			Insulation Resistance	(> 200 GΩ	
(IEC IP-code)			@ 500 VDC)		
			Dielectric Strength	(> 2.5 KV	
O-rings			DC Test Voltage)		
Base Material			Max. Tensile Strength	(> 20 Kgf	
Body Parts	Brass CuZn39Pb3		Overall	(> 196 N	
Inner Conductor	Beryllium copper				
Plating			Torsional Strength	(* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Nitin-6				
Insulators	POM / PE		Test performed by	Susanne Lindharth	
			Approved by	Anders Balcer	
Remarks	*		Date of release	June 16, 2022	

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.