


Item no.	99909686		Connector type	IECM-56 5.1 SELF INSTALL	
			For cable	Oren HD 103+	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	8.0 A @10°C increase				
(calculated)	11.3 A @20°C increase				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.03 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>110 dB @ 30-1000MHz				
	>110 dB @ 1000-2000MHz				
	>105 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-22 dB	-24.4 dB	0.3 - 500 MHz	-0.09 dB	-0.04 dB
500 - 860 MHz	-20 dB	-22.5 dB	500 - 860 MHz	-0.14 dB	-0.09 dB
860 - 1000 MHz	-19 dB	-21.8 dB	860 - 1000 MHz	-0.14 dB	-0.09 dB
1000 - 1750 MHz	-17 dB	-19.7 dB	1000 - 1750 MHz	-0.28 dB	-0.23 dB
1750 - 2150 MHz	-15 dB	-18.1 dB	1750 - 2150 MHz	-0.37 dB	-0.32 dB
2150 - 3000 MHz	-12 dB	-15.2 dB	2150 - 3000 MHz	-0.54 dB	-0.49 dB
Temperature			Intermodulation	IM3	IP3-value
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-120 dBc	87 dBm
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance	(<1.5 mΩ	
			(@ 1 A DC)		
Sealing Test			Insulation Resistance	(>200 GΩ	
(IEC IP-code)	-		(@ 500 VDC)		
O-rings	-		Dielectric Strength	(>2.0 KV	
			DC Test Voltage		
Base Material			Max. Tensile Strength	(>30 Kgf	
Body Parts	Brass CuZn39Pb3 / POM		Overall		
Inner Conductor	Cable data / Beryllium copper			(>294 N	
Plating			Torsional Strength	(* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Nitin-6				
Insulators	POM		Test performed by	Susanne Lindharth	
			Date of release	September 14, 2016	

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

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