


Item no.	99909911-01		Connector type	F-59-TD QM 6.0	
			For cable	ÖREN HD 083 A++	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	Cable data				
(calculated)	Cable data				
Transfer Impedance (CoMeT)	Class A+				
	<2.5 mΩ/m @ 5-30MHz				
	<0.53 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>105 dB @ 30-1000MHz				
	>95 dB @ 1000-2000MHz				
	>85 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-40 dB	-43.2 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-40 dB	-43.2 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-40 dB	-43.2 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-40 dB	-43.2 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-37 dB	-43.2 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-33 dB	-42.1 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+20dBm)	-139 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	Cable data	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	Cable data	
(IEC IP-code)	IP X8 1 meter / 24 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	Cable data	
			DC Test Voltage		
Base Material			Max. Tensile Strength	Cable data	
Body Parts	Brass CuZn39Pb3 / POM		Overall	>17 Kgf	
Inner Conductor	Cable data			>167 N	
Plating			Torsional Strength	Cable data	
Body Parts	Nitin-6		(Connector / Cable)	* NATM	
Inner Conductor	Cable data		Test performed by	Susanne Lindharth	
Insulators	Cabel data		Date of release	April 06, 2020	
Remarks	* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.				

Connector designed according to the standard IEC 61169-24 (type F)
 All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
 Further technical specifications and installation instructions can be obtained on request.