


Item no.	99909428-01		Connector type	F-56-CX3 7.0 QM SHORT	
			For cable	Ören Kablo HD 103 PLUS	
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++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.02 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>125 dB @ 30-1000MHz				
	>125 dB @ 1000-2000MHz				
	>110 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-35 dB	-37.6 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-34 dB	-36.9 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-34 dB	-36.4 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-31 dB	-33.7 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-30 dB	-32.5 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-27 dB	-30.1 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x0,5W)	-155 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	Cable data	
Sealing Test (IEC IP-code)	N/A		Insulation Resistance (@ 500 VDC)	Cable data	
O-rings	-		Dielectric Strength DC Test Voltage	Cable data	
Base Material			Max. Tensile Strength Overall	>31 Kgf	
Body Parts	Brass / POM			>304 N	
Inner Conductor	Cable data		Torsional Strength (Connector / Cable)	* NATM	
Plating			Test performed by	Søren B. Sørensen	
Body Parts	Nitin-6		Date of release	December 27, 2016	
Inner Conductor	Cable data				
Insulators	Cabel data				
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.*