


Item no.	99909913-01		Connector type	F-6-TD QM 7.0 W/O O-RING	
			For cable	Draka Coax 9 AD 11	
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				
	<5.0 mΩ/m @ 5-30MHz				
	<0.14 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	-32 dB	-34.9 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-31 dB	-33.6 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-30 dB	-33.1 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-28 dB	-30.8 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-27 dB	-29.9 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-26 dB	-28.9 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-138 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)	-		(@ 500 VDC)		
O-rings	-		Dielectric Strength	Cable data	
			DC Test Voltage		
Base Material			Max. Tensile Strength	Cable data	
Body Parts	Brass CuZn39Pb3		Overall	>16 Kgf	
Inner Conductor	Cable data			>157 N	
Plating			Torsional Strength	* NATM	
Body Parts	Nitin-6		(Connector / Cable)		
Inner Conductor	Cable data		Test performed by	Susanne Lindharth	
			Approved by	Søren Baldus-Kunze	
Insulators	POM		Date of release	June 08, 2020	
Remarks	<p>* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. Tensile strength can be limited by the strength of the cable. Please refer to the cable data.</p> <p>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.</p>				