


Item no.			Connector type	F-6-TD QM 7.0 SHORT W/O O-RING	
			For cable		
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				
	<5.00 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	-31 dB	-33.8 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-30 dB	-32.5 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-29 dB	-32.0 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-27 dB	-29.5 dB	1000 - 1750 MHz	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-26 dB	-28.5 dB	1750 - 2150 MHz	-0.07 dB	-0.02 dB
2150 - 3000 MHz	-24 dB	-27.3 dB	2150 - 3000 MHz	-0.07 dB	-0.02 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+27dBm)	-148 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	Cable data	
Sealing Test (IEC IP-code)	-		Insulation Resistance (@ 500 VDC)	Cable data	
O-rings	-		Dielectric Strength DC Test Voltage	Cable data	
Base Material			Max. Tensile Strength Overall	>14 Kgf	
Body Parts	Brass CuZn39Pb3			>137 N	
Inner Conductor	Cable data		Torsional Strength (Connector / Cable)	* NATM	
Plating			Test performed by	Susanne Lindharth	
Body Parts	Nitin-6		Approved by	Søren Baldus-Kunze	
Inner Conductor	Cable data		Date of release	June 08, 2020	
Insulators	POM				
Remarks	* 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.				