


Item no.	99909914-01	Connector type	F-6-TD QM 7.0 SHORT W/O O-RING
		For cable	Draka Coax 9 AD 11 S
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.
0.3 - 500 MHz	-31 dB	-33.8 dB	0.3 - 500 MHz
500 - 860 MHz	-30 dB	-32.5 dB	500 - 860 MHz
860 - 1000 MHz	-29 dB	-32.0 dB	860 - 1000 MHz
1000 - 1750 MHz	-27 dB	-29.5 dB	1000 - 1750 MHz
1750 - 2150 MHz	-26 dB	-28.5 dB	1750 - 2150 MHz
2150 - 3000 MHz	-24 dB	-27.3 dB	2150 - 3000 MHz
Temperature			IM3
Installing	-5° to +50° C		3rd Order (@2x+27dBm)
Operating	-40° to +70° C		-148 dBc
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
Body Parts	Brass CuZn39Pb3		>14 Kgf
Inner Conductor	Cable data		>137 N
Plating			Torsional Strength (Connector / Cable)
Body Parts	Nitin-6		* NATM
Inner Conductor	Cable data		Test performed by
			Approved by
Insulators	POM		Susanne Lindharth
			Søren Baldus-Kunze
			Date of release
			June 08, 2020

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.

*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.*