


Item no.	99909941-01		Connector type	F-6-TD 4,9	
			For cable	280050	
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++				
	0,35 mΩ/m @ 5-30MHz				
	0,09 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	-39 dB	-42.2 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-39 dB	-42.2 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-39 dB	-42.2 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-39 dB	-41.9 dB	1000 - 1750 MHz	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-39 dB	-41.9 dB	1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-38 dB	-41.3 dB	2150 - 3000 MHz	-0.10 dB	-0.05 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+23dBm)	-167 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	Cable data	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours		Insulation Resistance (@ 500 VDC)	>200 GΩ	
O-rings	EPDM		Dielectric Strength DC Test Voltage	>6 KV	
Base Material			Max. Tensile Strength Overall	>22 Kgf	
Body Parts	Brass CuZn39Pb3			>215 N	
Inner Conductor	Cable data		Torsional Strength (Connector / Cable)	* NATM	
Plating			Test performed by	Søren Baldus-Kunze	
Body Parts	Nitin-6		Date	February 19, 2019	
Inner Conductor	Nitin-6				
Insulators	Cabel data				
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.