

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
0.3 - 500 MHz	-39 dB	-42.2 dB	0.3 - 500 MHz	-0.06 dB
500 - 860 MHz	-39 dB	-42.2 dB	500 - 860 MHz	-0.06 dB
860 - 1000 MHz	-39 dB	-42.2 dB	860 - 1000 MHz	-0.06 dB
1000 - 1750 MHz	-39 dB	-41.9 dB	1000 - 1750 MHz	-0.07 dB
1750 - 2150 MHz	-39 dB	-41.9 dB	1750 - 2150 MHz	-0.08 dB
2150 - 3000 MHz	-38 dB	-41.3 dB	2150 - 3000 MHz	-0.10 dB
Temperature			Intermodulation	IM3
Installing	-5° to +50° C		3rd Order (@2x+23dBm)	-167 dBc
Operating	-40° to +70° C			
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	Cable data
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours		Insulation Resistance (@ 500 VDC)	>200 GΩ
O-rings	EPDM		Dielectric Strength	>6 KV
			DC Test Voltage	
Base Material			Max. Tensile Strength	
Body Parts	Brass CuZn39Pb3		Overall	>22 Kgf
Inner Conductor	Cable data			>215 N
Plating			Torsional Strength (Connector / Cable)	* NATM
Body Parts	Nitin-6			
Inner Conductor	Nitin-6			
Insulators	Cabel data		Test performed by	Søren Baldus-Kunze
			Date	February 19, 2019
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.