

Item no.	99909631-03		Connector type	F-6-TD SELF INSTALL 4.9 NI	
			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++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.18 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	-35 dB	-37.9 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-35 dB	-37.9 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-35 dB	-37.9 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-34 dB	-37.0 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-34 dB	-36.7 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-29 dB	-32.3 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-133 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)	Cable data	
O-rings	EPDM		Dielectric Strength DC Test Voltage	Cable data	
Base Material			Max. Tensile Strength Overall	>24 Kgf	
Body Parts	Brass CuZn39Pb3 / POM			>235 N	
Inner Conductor	Cable data				
Plating			Torsional Strength (Connector / Cable)	* NATM	
Body Parts	Nickel				
Inner Conductor	Cable data		Test performed by	Susanne Lindharth	
Insulators	Cabel data		Date of release	May 29, 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.