


Item no.	99909946-01		Connector type	F-6-TD 5.1	
			For cable	HQ 113 (1.1/4.8) PE Class A+	
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+				
	<2.5 mΩ/m @ 5-30MHz				
	<0.68 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	-37 dB	-39.5 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-36 dB	-38.6 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	-32 dB	-35.1 dB	1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-32 dB	-35.0 dB	1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-25 dB	-29.3 dB	2150 - 3000 MHz	-0.06 dB	-0.01 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2*0.2W)	-155 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	Cable data	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	Cable data	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	Cable data	
			DC Test Voltage		
Base Material			Max. Tensile Strength	Cable data	
Body Parts	Brass CuZn39Pb3		Overall	>23 Kgf	
Inner Conductor	Cable data			>226 N	
Plating			Torsional Strength	Cable data	
Body Parts	Nitin-6		(Connector / Cable)	* NATM	
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 losing 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.