

Item no.	99909494-04		Connector type	IECF-6-TD 4.9	
			For cable	280050	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	6 A @10°C increase				
(calculated)	8.4 A @20°C increase				
Transfer Impedance (CoMeT)	Class A				
	<5.0 mΩ/m @ 5-30MHz				
	<0.25 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A				
	> 85 dB @ 30-1000MHz				
	> 75 dB @ 1000-2000MHz				
	> 65 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-20 dB	-23.2 dB	0.3 - 500 MHz	-0.10 dB	-0.05 dB
500 - 860 MHz	-19 dB	-21.9 dB	500 - 860 MHz	-0.17 dB	-0.12 dB
860 - 1000 MHz	-18 dB	-21.4 dB	860 - 1000 MHz	-0.17 dB	-0.12 dB
1000 - 1750 MHz	-16 dB	-18.6 dB	1000 - 1750 MHz	-0.44 dB	-0.39 dB
1750 - 2150 MHz	-14 dB	-17.1 dB	1750 - 2150 MHz	-0.65 dB	-0.60 dB
2150 - 3000 MHz	-12 dB	-14.6 dB	2150 - 3000 MHz	-0.97 dB	-0.92 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2X+23dBm)	-164 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	< 8 mΩ	
Sealing Test (IEC IP-code)			Insulation Resistance (@ 500 VDC)	> 200 GΩ	
O-rings			Dielectric Strength DC Test Voltage	> 2.5 KV	
Base Material			Max. Tensile Strength Overall	> 22 Kgf	
Body Parts	Brass CuZn39Pb3			> 216 N	
Inner Conductor	Beryllium copper				
Plating			Torsional Strength (Connector / Cable)	* NATM	
Body Parts	Nitin-6				
Inner Conductor	Nitin-6		Test performed by	Susanne Lindharth	
			Approved by	Anders Balcer	
Insulators	POM		Date of release	June 16, 2022	
Remarks	*				

Connector designed according to the standard
All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
Further technical specifications and installation instructions can be obtained on request.