

Item no.	93494907-04			3.5/12M-CXJHFX2-3.5/12M/0.7	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
	10.0 A @10°C increase				
(calculated)	14.1 A @20°C increase				
Transfer Impedance (CoMeT)	Class A+				
	<0.9 mΩ/m @ 5-30MHz				
	0.01 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	-36 dB	-39.1 dB	0.3 - 500 MHz	-0.24 dB	-0.19 dB
500 - 860 MHz	-32 dB	-35.1 dB	500 - 860 MHz	-0.32 dB	-0.27 dB
860 - 1000 MHz	-30 dB	-33.2 dB	860 - 1000 MHz	-0.35 dB	-0.30 dB
1000 - 1750 MHz	-28 dB	-31.1 dB	1000 - 1750 MHz	-0.49 dB	-0.44 dB
1750 - 2150 MHz	-25 dB	-27.7 dB	1750 - 2150 MHz	-0.57 dB	-0.52 dB
2150 - 3000 MHz	-17 dB	-19.6 dB	2150 - 3000 MHz	-0.74 dB	-0.69 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-138 dBc	
Operating	-40° to +70° C				
Storing	-40° to +70° C		Inner Conductor Resistance (@ 1 A DC)	<25 mΩ	
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	>2.0 KV	
Base Material			Max. Tensile Strength Overall	>46.9 Kgf	
Body Parts	Brass CuZn39Pb3 / Al-foil / Copper braid			>460 N	
Inner Conductor	Brass CuZn39Pb3 / Copper				
Plating			Torsional Strength (Connector / Cable)	* NATM	
Body Parts	Nitin-6				
Inner Conductor	Nitin-6				
Insulators	POM / PE		Test performed by Date	Susanne Lindharth December 05, 2018	
Remarks	* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.				

Connector designed according to the standard IEC 61169-14 (type 3,5/12)
All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
Further technical specifications and installation instructions can be obtained on request.