


Item no.	93494905		Connector type	3.5/12M-CXJHFX2-3.5/12M/0.5	
Cable min. bend radius	108 mm		Cable jacket	FRNC	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	10.0 A @10°C increase				
(calculated)	14.1 A @20°C increase				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>110 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	-29 dB	-32.3 dB	0.3 - 500 MHz	-0.16 dB	-0.11 dB
500 - 860 MHz	-27 dB	-30.2 dB	500 - 860 MHz	-0.21 dB	-0.16 dB
860 - 1000 MHz	-26 dB	-28.8 dB	860 - 1000 MHz	-0.22 dB	-0.17 dB
1000 - 1750 MHz	-23 dB	-25.9 dB	1000 - 1750 MHz	-0.30 dB	-0.25 dB
1750 - 2150 MHz	-23 dB	-25.9 dB	1750 - 2150 MHz	-0.34 dB	-0.29 dB
2150 - 3000 MHz	-16 dB	-18.2 dB	2150 - 3000 MHz	-0.49 dB	-0.44 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x+30dBm)	-135 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(<13.0 mΩ	
Storing	-40° to +70° C		(@ 1 A DC)		
Sealing Test			Insulation Resistance	(>200 GΩ	
(IEC IP-code)	IP X8 30 meter / 8 hours		(@ 500 VDC)		
O-rings	EPDM		Dielectric Strength	DC Test Voltage	
				2.0 KV	
Base Material			Max. Tensile Strength	Overall	
Body Parts	Brass CuZn39Pb3 / Al-foil / Copper braid			>46.9 Kgf	
Inner Conductor	Brass CuZn39Pb3 / Copper			>460 N	
Plating			Torsional Strength	(Connector / Cable)	
Body Parts	Nitin-6			* NATM	
Inner Conductor	Nitin-6		Test performed by	Sven-Erik Sandberg	
Insulators	POM / PE		Date of release	February 03, 2015	

Remarks * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

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