


Item no.	99530035-02		Connector type	90-FM-FF-HQ	
				ACCEPTS PIN Ø 0.5-1.2mm	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Amp. Rating (measured)	3.0 A @10°C increase				
(calculated)	4.2 A @20°C increase				
Transfer Impedance (CoMeT)	Class A++				
	<0.9 mΩ/m @ 5-30MHz				
	<0.05 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++				
	>105 dB @ 30-1000MHz				
	>105 dB @ 1000-2000MHz				
	>100 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-43 dB	-46.0 dB	0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-38 dB	-41.0 dB	500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-38 dB	-41.0 dB	860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-38 dB	-41.0 dB	1000 - 1750 MHz	-0.12 dB	-0.07 dB
1750 - 2150 MHz	-25 dB	-27.7 dB	1750 - 2150 MHz	-0.12 dB	-0.07 dB
2150 - 3000 MHz	-17 dB	-20.2 dB	2150 - 3000 MHz	-0.18 dB	-0.13 dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-160 dBc	
Operating	-40° to +70° C		Inner Conductor Resistance	(@ 1 A DC)	
Storing	-40° to +70° C			<4.5 mΩ	
Sealing Test			Insulation Resistance		
(IEC IP-code)	-		(@ 500 VDC)	>200 GΩ	
O-rings	-		Dielectric Strength		
			DC Test Voltage	>3.0 KV	
Base Material					
Body Parts	Brass CuZn39Pb3				
Inner Conductor	Beryllium copper				
Plating					
Body Parts	Nitin-6				
Inner Conductor	Nitin-6				
Insulators	PE / POM		Test performed by	Sven-Erik Sandberg	
			Date of release	July 14, 2016	
Remarks					

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