


Item no.	99900600		Connector type	90-FM-FF ANGEL ACCEPTS PIN Ø 0.5-1.2mm	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ω				
Amp. Rating (measured)	3.0 A @10°C increase				
(calculated)	4.2 A @20°C increase				
Transfer Impedance (CoMeT)	Class A+ <5.0 mΩ/m @ 5-30MHz <0.15 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A+ >100 dB @ 30-1000MHz >90 dB @ 1000-3000MHz				
Return Loss	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-22 dB	-24.8 dB	0.3 - 500 MHz	-0.12 dB	-0.07 dB
500 - 860 MHz	-17 dB	-20.1 dB	500 - 860 MHz	-0.16 dB	-0.11 dB
860 - 1000 MHz	-16 dB	-18.6 dB	860 - 1000 MHz	-0.19 dB	-0.14 dB
1000 - 1750 MHz	-11 dB	-14.0 dB	1000 - 1750 MHz	-0.32 dB	-0.27 dB
1750 - 2150 MHz	-10 dB	-12.4 dB	1750 - 2150 MHz	-0.42 dB	-0.37 dB
2150 - 3000 MHz	-7 dB	-9.5 dB	2150 - 3000 MHz	-0.70 dB	-0.65 dB
Temperature			Intermodulation	IM3	IP3-value
Installing	-5° to +50° C		3rd Order (@2x100mW)	-140 dBc	90
Operating	-40° to +70° C		Inner Conductor Resistance		
Storing	-40° to +70° C		(@ 1 A DC)	<10 mΩ	
Sealing Test			Insulation Resistance		
(IEC IP-code)	-		(@ 500 VDC)	>200 GΩ	
O-rings	-		Dielectric Strength		
			DC Test Voltage	2.0 KV	
Base Material			Max. Tensile Strength		
Body Parts	Brass CuZn39Pb3 / Aluminium / Zinc		Overall	-	
Inner Conductor	Brass CuZn39Pb3 / Phos.Bronze			-	
Plating			Torsional Strength		
Body Parts	Nickel		(Connector / Cable)	-	
Inner Conductor	Nickel / Tin		Test performed by	Sven-Erik Sandberg	
Insulators	POM (Delrin) / PP		Date of release	March 01, 2012	
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.