

Connector type	90-FM-FF ANGEL
	ACCEPTS PIN Ø 0.5-1.2mm

Frequency Range	0.3 - 3000 MHz
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



	Better than	Typical
Return Loss		
0.3 - 500 MHz	-22 dB	-24.8 dB
500 - 860 MHz	-17 dB	-20.1 dB
860 - 1000 MHz	-16 dB	-18.6 dB
1000 - 1750 MHz	-11 dB	-14.0 dB
1750 - 2150 MHz	-10 dB	-12.4 dB
2150 - 3000 MHz	-7 dB	-9.5 dB

	Better than	Typical
Insertion Loss Max.		
0.3 - 500 MHz	-0.12 dB	-0.07 dB
500 - 860 MHz	-0.16 dB	-0.11 dB
860 - 1000 MHz	-0.19 dB	-0.14 dB
1000 - 1750 MHz	-0.32 dB	-0.27 dB
1750 - 2150 MHz	-0.42 dB	-0.37 dB
2150 - 3000 MHz	-0.70 dB	-0.65 dB

Temperature	
Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

	IM3	IP3-value
Intermodulation 3rd Order (@2x100mW)	-140 dBc	90

Base Material	
Body Parts	Brass CuZn39Pb3 / Aluminium / Zinc
Inner Conductor	Brass CuZn39Pb3 / Phos.Bronze

Inner Conductor Resistance (@ 1 A DC)	<10 mΩ
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Plating	
Body Parts	Nickel
Inner Conductor	Nickel / Tin

Insulation Resistance (@ 500 VDC)	>200 GΩ
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Insulators	POM (Delrin) / PP
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Dielectric Strength DC Test Voltage	2.0 KV
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Plating	
Body Parts	Nickel
Inner Conductor	Nickel / Tin