

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)	Cable data
(calculated)	Cable data

Transfer Impedance (CoMeT)	Class A+
	<2.5 mΩ/m @ 5-30MHz
	<0.07 mΩ/item @ 5-30MHz

Screening Attenuation(CoMeT)	Class A++
	>120 dB @ 30-1000MHz
	>110 dB @ 1000-3000MHz

Return Loss	Better than	Typical
0.3 - 500 MHz	-28 dB	-31.1 dB
500 - 860 MHz	-27 dB	-29.6 dB
860 - 1000 MHz	-26 dB	-29.0 dB
1000 - 1750 MHz	-23 dB	-25.9 dB
1750 - 2150 MHz	-22 dB	-24.5 dB
2150 - 3000 MHz	-21 dB	-24.1 dB

Insertion Loss Max.
0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

Better than	Typical
-0,07 dB	-0,02 dB
-0,07 dB	-0,02 dB
-0,07 dB	-0,02 dB
-0,11 dB	-0,06 dB
-0,12 dB	-0,07 dB
-0,14 dB	-0,09 dB

Temperature Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

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

Sealing Test (IEC IP-code)	IP X8 10 meter / 8 hours
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Inner Conductor Resistance (@ 1 A DC)	Cable data
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Insulation Resistance (@ 500 VDC)	Cable data
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O-rings	EPDM
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Dielectric Strength DC Test Voltage	Cable data
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Base Material	Brass CuZn39Pb3 / Brass CuZn36Pb3 / POM
Body Parts	
Inner Conductor	Cable data

Max. Tensile Strength Overall	28,0 Kgf
	275 N

Plating	
Body Parts	Nitin-6
Inner Conductor	Cable data

Torsional Strength (Connector / Cable)	* NATM
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Insulators	Cabel data
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