

Item no.

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

Frequency Range
Impedance (Nom.)
 (calculated)

Product photo



Transfer Impedance (CoMeT)

Screening Attenuation(CoMeT)

Return Loss	Better than	Typical
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

Insertion Loss Max.	Better than	Typical
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
Operating
Storing

Intermodulation
 3rd Order (@2x100mW)

Inner Conductor Resistance
 (@ 1 A DC)

Sealing Test
 (IEC IP-code)

Insulation Resistance
 (@ 500 VDC)

O-rings

Dielectric Strength
 DC Test Voltage

Base Material
Body Parts
Inner Conductor

Max. Tensile Strength
 Overall

Plating
Body Parts
Inner Conductor

Torsional Strength
 (Connector / Cable)

Insulators

Test performed by
Date of release

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.*