

Item no.

99902004-02

FM SC-R75 1/4-HQ NiTin

Frequency Range

0.3 - 3000 MHz

 Impedance (Nom.)

75 Ω
1/4 W

Product photo



Transfer Impedance (CoMeT)

Class A+
<2.5 mΩ/m @ 5-30MHz
<0.05 mΩ/item @ 5-30MHz

Screening Attenuation(CoMeT)

Class A++
>125 dB @ 30-1000MHz
>120 dB @ 1000-2000MHz
>115 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-43 dB	-46.0 dB
500 - 860 MHz	-42 dB	-45.6 dB
860 - 1000 MHz	-41 dB	-44.1 dB
1000 - 1750 MHz	-35 dB	-37.6 dB
1750 - 2150 MHz	-32 dB	-34.6 dB
2150 - 3000 MHz	-28 dB	-31.0 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	- dB	- dB
500 - 860 MHz	- dB	- dB
860 - 1000 MHz	- dB	- dB
1000 - 1750 MHz	- dB	- dB
1750 - 2150 MHz	- dB	- dB
2150 - 3000 MHz	- dB	- dB

Temperature

-5° to +50° C

 Installing

-40° to +70° C

 Operating

-40° to +70° C

 Storing

Intermodulation

IM3
-135 dBc

 3rd Order (@2x100mW)

Inner Conductor Resistance (@ 1 A DC)

- mΩ

Sealing Test (IEC IP-code)

-

Insulation Resistance (@ 500 VDC)

- GΩ

O-rings

-

Dielectric Strength DC Test Voltage

- KV

Base Material

Brass CuZn39Pb3 / BeCu

 Body Parts

Copper

 Inner Conductor

Max. Tensile Strength Overall

- Kgf

Plating

Nitin-6

 Body Parts

Nitin-6

 Inner Conductor

Torsional Strength (Connector / Cable)

- Nm

Insulators

PE

Test performed by

Sven-Erik Sandberg

 Date of release

April 23, 2015

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.