

Item no. **87535502-03**

Adapter type **FM SC-FF LONG MODEL HQ**

Frequency Range **0.3 - 3000 MHz**
 Impedance (Nom.) **75 Ohm**
 Amp. Rating (measured) **3.0 A @10°C increase**
 (calculated) **4.2 A @20°C increase**

Product photo



Transfer Impedance (CoMeT) **Class A++**
<0.9 mΩ/m @ 5-30MHz
<0.03 mΩ/item @ 5-30MHz
 Screening Attenuation(CoMeT) **Class A++**
>115 dB @ 30-1000MHz
>110 dB @ 1000-2000MHz
>105 dB @ 2000-3000MHz

	Better than	Typical
Return Loss (IEC 61169-1) 0.3 - 500 MHz	-37 dB	-40.2 dB
500 - 860 MHz	-34 dB	-36.5 dB
860 - 1000 MHz	-33 dB	-35.8 dB
1000 - 1750 MHz	-28 dB	-31.0 dB
1750 - 2150 MHz	-25 dB	-27.7 dB
2150 - 3000 MHz	-19 dB	-21.6 dB

	Better than	Typical
Insertion Loss Max. 0.3 - 500 MHz	-0.07 dB	-0.02 dB
500 - 860 MHz	-0.07 dB	-0.02 dB
860 - 1000 MHz	-0.07 dB	-0.02 dB
1000 - 1750 MHz	-0.08 dB	-0.03 dB
1750 - 2150 MHz	-0.08 dB	-0.03 dB
2150 - 3000 MHz	-0.08 dB	-0.06 dB

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

Intermodulation
 3rd Order (@2x+30dBm) **IM3**
-162 dBc

Inner Conductor Resistance
 (@ 1 A DC) **<8.0 mΩ**

Sealing Test
 (IEC IP-code)

Insulation Resistance
 (@ 500 VDC) **>200 GΩ**

O-rings

Dielectric Strength
 DC Test Voltage **>4.0 KV**

Base Material
 Body Parts **Brass CuZn39Pb3 / Beryllium copper**
 Inner Conductor **Brass CuZn39Pb3 / Beryllium copper**

Plating
 Body Parts **Nitin-6**
 Inner Conductor **Nitin-6**

Insulators **PE**

Test performed by **Sven-Erik Sandberg**
 Date of release **September 10, 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.*