

# DATA SHEET

<b>Item no.</b>	99475510-02	<b>Connector type</b>	IECF-FF-HQ
			ACCEPTS PIN Ø 0,5-1,2mm

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (@10°C increase)	3 A
<b>Shielding Effectiveness</b> (CoMeT)	85 dB @ 30-862MHz

All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.



**Return Loss**  
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-28 dB	-30,9 dB
500 - 860 MHz	-22 dB	-25,5 dB
860 - 1000 MHz	-21 dB	-24,1 dB
1000 - 1750 MHz	-16 dB	-19,1 dB
1750 - 2150 MHz	-14 dB	-17,4 dB
2150 - 3000 MHz	-12 dB	-15,2 dB

**Insertion Loss Max.**

	Better than	Typical
0.3 - 500 MHz	-0,10 dB	-0,05 dB
500 - 860 MHz	-0,11 dB	-0,06 dB
860 - 1000 MHz	-0,13 dB	-0,08 dB
1000 - 1750 MHz	-0,17 dB	-0,12 dB
1750 - 2150 MHz	-0,20 dB	-0,15 dB
2150 - 3000 MHz	-0,34 dB	-0,29 dB

**Temperature**

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

**Intermodulation**

3rd Order (@2x+20dBm)	<b>IM3</b>	<b>IP3-value</b>
	-130 dBc	+85 dBm

**Insulation Resistance**

@ 500 V)	>29,99 GΩ
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**Inner Conductor Resistance**

@ 1 A DC)	1 mΩ
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**Base Material**

Body Parts	Brass CuZn39Pb3 / SWPA
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

**Plating**

Body Parts	Nickel
Inner Conductor	Gold / Nickel

**Dielectric Strength**

DC Test Voltage	2,5 KV
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**Test performed by**

Florian Lütcher
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**Date of release**

November 02, 2005
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<b>Insulators</b>	PE / PTFE (Teflon)
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**Remarks**

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors