DATA SHEET

Item no.	99550025-02	**Adapter type**	F-81-HQ-1 NiTin CC
			ACCEPTS PIN Ø 0.4-1.2mm

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	4,5 A @10°C increase
(calculated)	6,3 A @20°C increase
Transfer Impedance (CoMeT)	<0,90 mΩ/m @ 5-30MHz
	<0,03 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	>140 dB @ 30-1000MHz
	>120 dB @ 1000-3000MHz

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 (IEC 61169-1)
(Rhode und Schwarz ZVB-8)

	Better than	Typical
0.3 - 500 MHz	-43 dB	-45,0 dB
500 - 860 MHz	-40 dB	-43,0 dB
860 - 1000 MHz	-39 dB	-42,3 dB
1000 - 1750 MHz	-31 dB	-33,5 dB
1750 - 2150 MHz	-29 dB	-31,1 dB
2150 - 3000 MHz	-23 dB	-25,0 dB

Insertion Loss Max.

	Better than	Typical
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	-0,09 dB	-0,04 dB
2150 - 3000 MHz	-0,10 dB	-0,05 dB

Temperature

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

Intermodulation

	IM3	IP3-value
3rd Order (@2x1W)	-155 dBc	+107 dBm

Inner Conductor Resistance
(@ 1 A DC) 5 mΩ

Sealing Test
(IEC IP-code) IP X8 30 meter / 8 hours

Insulation Resistance
(@ 500 VDC) > 200 GΩ

Dielectric Strength
DC Test Voltage 3 KV

O-rings -

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Beryllium copper

Max. Tensile Strength
Overall -

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength
(Connector / Cable) -

Insulators PE

Test performed by Søren B. Sørensen
Date of release March 23, 2011

Remarks Min. male inner conductor accepted after mating with max. diameter is 0,5mm

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON connectors

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