

DATA SHEET

Item no.	87575540	Connector type	5/8M-FF HQ PIN Ø 1.8x47mm
			ACCEPTS PIN Ø 0.4-1.2mm

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	4 A
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	0,03 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	119 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 (IEC 61169-1)

(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-42 dB	-45,0 dB
500 - 860 MHz	-42 dB	-45,0 dB
860 - 1000 MHz	-38 dB	-40,9 dB
1000 - 1750 MHz	-28 dB	-30,4 dB
1750 - 2150 MHz	-28 dB	-30,4 dB
2150 - 3000 MHz	-22 dB	-25,0 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,13 dB	-0,08 dB
500 - 860 MHz	-0,15 dB	-0,10 dB
860 - 1000 MHz	-0,15 dB	-0,10 dB
1000 - 1750 MHz	-0,19 dB	-0,14 dB
1750 - 2150 MHz	-0,19 dB	-0,14 dB
2150 - 3000 MHz	-0,22 dB	-0,17 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation

3rd Order (@2x1W)	IM3	IP3-value
	-141 dBc	+100 dBm

Inner Conductor Resistance

@ 1 A DC)	7 mΩ
-----------	------

Sealing Test

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

Insulation Resistance

(@ 500 VDC)	>200 GΩ
-------------	---------

O-rings

EPDM

Dielectric Strength

DC Test Voltage	1,9 KV
-----------------	--------

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Beryllium copper / Brass CuZn39Pb3

Plating

Body Parts	Nitin-6
Inner Conductor	Gold / Nitin-6

Insulators

POM (Delrin)

Test performed by

Sven-Erik Sandberg

Date of release

January 10, 2007

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

Corning Cabelcon ApS, Industriparken 10, DK 4760 Vordingborg
Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04
E-mail: cabelcon@cabelcon.dk · www.cabelcon.dk

Form 041 rev 4