DATA SHEET

Item no.	87765505-01	**Connector type**	NM-FF

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
	<0,04 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	130 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	-39 dB	-41,8 dB
500 - 860 MHz	-37 dB	-40,4 dB
860 - 1000 MHz	-37 dB	-40,4 dB
1000 - 1750 MHz	-37 dB	-40,4 dB
1750 - 2150 MHz	-37 dB	-40,4 dB
2150 - 3000 MHz	-27 dB	-29,8 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,11 dB	-0,06 dB
500 - 860 MHz	-0,13 dB	-0,08 dB
860 - 1000 MHz	-0,14 dB	-0,09 dB
1000 - 1750 MHz	-0,19 dB	-0,14 dB
1750 - 2150 MHz	-0,20 dB	-0,15 dB
2150 - 3000 MHz	-0,26 dB	-0,21 dB

Temperature

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

Intermodulation

	IM3	IP3-value
3rd Order (@2x1W)	-146 dBc	+102 dBm

Inner Conductor Resistance
(@ 1 A DC) 6,7 mΩ

Sealing Test
(IEC IP-code) -

Insulation Resistance
(@ 500 VDC) >200 GΩ

Dielectric Strength
DC Test Voltage 1,9 KV

O-rings -

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Plating

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

Insulators PE / POM (Delrin)

Test performed by Sven-Erik Sandberg
Date of release February 02, 2007

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON connectors

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