

Item no. 99455510-01

Connector type IECM-FF-HQ

ACCEPTS PIN Ø 0.5-1.2mm

Frequency Range

0.3 - 3000 MHz

Impedance (Nom.)

75 Ω

Amp. Rating (measured)
(calculated)

5,0 A @10°C increase
7,0 A @20°C increase

Transfer Impedance (CoMeT)

3,1 mΩ/m @ 5-30MHz

0,09 mΩ/item @ 5-30MHz

Shielding Effectiveness(CoMeT)

>115 dB @ 30-1000MHz

>115 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)

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

Better than Typical

0.3 - 500 MHz	-32 dB	-34,6 dB
500 - 860 MHz	-27 dB	-29,9 dB
860 - 1000 MHz	-26 dB	-28,8 dB
1000 - 1750 MHz	-23 dB	-26,0 dB
1750 - 2150 MHz	-21 dB	-24,2 dB
2150 - 3000 MHz	-14 dB	-17,4 dB

Insertion Loss Max.

0.3 - 500 MHz
500 - 860 MHz
860 - 1000 MHz
1000 - 1750 MHz
1750 - 2150 MHz
2150 - 3000 MHz

Better than Typical

0.3 - 500 MHz	-0,14 dB	-0,11 dB
500 - 860 MHz	-0,18 dB	-0,15 dB
860 - 1000 MHz	-0,20 dB	-0,16 dB
1000 - 1750 MHz	-0,24 dB	-0,20 dB
1750 - 2150 MHz	-0,29 dB	-0,24 dB
2150 - 3000 MHz	-0,42 dB	-0,37 dB

Temperature

Installing
Operating
Storing

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

Intermodulation

3rd Order (@2x100mW)

IM3 IP3-value

IM3	-140 dBc	IP3-value	+90 dBm
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Inner Conductor Resistance

(@ 1 A DC)

1,6 mΩ

Sealing Test

(IEC IP-code)

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Insulation Resistance

(@ 500 VDC)

>200 GΩ

O-rings

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Dielectric Strength

DC Test Voltage

2,0 KV

Base Material

Body Parts

Brass CuZn39Pb3

Inner Conductor

Brass CuZn39Pb3 / Beryllium copper

Plating

Body Parts

Nickel

Inner Conductor

Nickel / Gold

Test performed by

Sven-Erik Sandberg

Date of release

April 15, 2009

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

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