

Item no. 99455510-01

Connector type

IECM-FF-HQ

ACCEPTS PIN Ø 0.5-1.2mm

Frequency Range

Impedance (Nom.)

Amp. Rating (measured)

(calculated)

Transfer Impedance (CoMeT)

Shielding Effectiveness(CoMeT)

0.3 - 3000 MHz

75 Ω

5,0 A @10°C increase

7,0 A @20°C increase

3,1 mΩ/m @ 5-30MHz

0,09 mΩ/item @ 5-30MHz

>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

-32 dB -34,6 dB

-27 dB -29,9 dB

-26 dB -28,8 dB

-23 dB -26,0 dB

-21 dB -24,2 dB

-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

-0,14 dB -0,11 dB

-0,18 dB -0,15 dB

-0,20 dB -0,16 dB

-0,24 dB -0,20 dB

-0,29 dB -0,24 dB

-0,42 dB -0,37 dB

Temperature

Installing

Operating

Storing

-5° to +50° C

-40° to +70° C

-40° to +70° C

Intermodulation

3rd Order (@2x100mW)

IM3

IP3-value

-140 dBc

+90 dBm

Inner Conductor Resistance

(@ 1 A DC)

1,6 mΩ

Sealing Test

(IEC IP-code)

-

Insulation Resistance

(@ 500 VDC)

>200 GΩ

O-rings

-

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

Insulators

PE / PTFE (Teflon)

Test performed by

Date of release

Sven-Erik Sandberg

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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