

Item no. 87475110

Adapter type IECF-3.5/12F PG11 CHASSIS

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	8,0 A @10°C increase
	(calculated) 11,3 A @20°C increase
Transfer Impedance (CoMeT)	<2,5 mΩ/m @ 5-30MHz
	<0,09 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	>130 dB @ 30-1000MHz
	>110 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	-27 dB	-29,4 dB
500 - 860 MHz	-24 dB	-26,8 dB
860 - 1000 MHz	-24 dB	-26,5 dB
1000 - 1750 MHz	-24 dB	-26,5 dB
1750 - 2150 MHz	-22 dB	-24,7 dB
2150 - 3000 MHz	-20 dB	-22,1 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	-0,09 dB	-0,06 dB
500 - 860 MHz	-0,12 dB	-0,09 dB
860 - 1000 MHz	-0,12 dB	-0,09 dB
1000 - 1750 MHz	-0,17 dB	-0,14 dB
1750 - 2150 MHz	-0,19 dB	-0,16 dB
2150 - 3000 MHz	-0,27 dB	-0,24 dB

Temperature

Installing
Operating
Storing

-5° to +50° C
-40° to +85° C
-40° to +85° C

Intermodulation

3rd Order (@2x100mW)

IM3	IP3-value
-155 dBc	107 dBm

Inner Conductor Resistance

(@ 1 A DC)

< 0,5 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

4 KV

Base Material

Body Parts
Inner Conductor

Brass CuZn39Pb3 / Cu / CuBe2
Tin Bronze BZ4

Max. Tensile Strength

Overall

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Plating

Body Parts
Inner Conductor

Nitin-6 / Tin
Nitin-6

Torsional Strength

(Connector / Cable)

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Insulators

POM

Test performed by

Date of release

Troels V. Kristensen
May 23, 2011

Remarks

ISO 9001:2008 / ISO 14001 certified

Distributor: