

# DATA SHEET

Item no. 87635556

Connector type PG11M-FF HQ COPPER WASHER  
PIN Ø 1.8x22mm

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ohm
Amp. Rating	3 A
Transfer Impedance	0,15 mΩ/m @ 5-30 MHz
Shielding Effectiveness	140 dB @ 30-862 MHz



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

(RF Analyzer HP 8719D / 8714C)

	Better than	Typical
0.3 - 500 MHz	-40 dB	-42,1 dB
500 - 860 MHz	-35 dB	-36,9 dB
860 - 1000 MHz	-34 dB	-35,5 dB
1000 - 1750 MHz	-28 dB	-30,5 dB
1750 - 2150 MHz	-22 dB	-24,8 dB
2150 - 3000 MHz	-19 dB	-21,3 dB

## Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,10 dB	-0,07 dB
500 - 860 MHz	-0,14 dB	-0,10 dB
860 - 1000 MHz	-0,15 dB	-0,11 dB
1000 - 1750 MHz	-0,20 dB	-0,16 dB
1750 - 2150 MHz	-0,23 dB	-0,19 dB
2150 - 3000 MHz	-0,37 dB	-0,33 dB

## Temperature

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

## Intermodulation

3rd Order (@2x100mW)	IM3 -140 dBc	IP3-value +90 dBm
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## Insulation Resistance

(@ 500 V)	>29,99 GOhm
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## Sealing Test

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

Resistance max. @ 1 A DC	4 mOhm
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## Max. Tensile Strength

Overall	
Inner Conductor	

## Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Beryllium copper / Brass CuZn39Pb3

## Plating

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

## Dielectric Strength

AC Test Voltage	3,8 kV
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## O-rings

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## Test performed by

	Sven-Erik Sandberg
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## Insulators

	POM
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## Date of release

	November 10, 2008
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## Remarks

ISO 9001 certified

Distributor:

**CABELCON**  
connectors

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