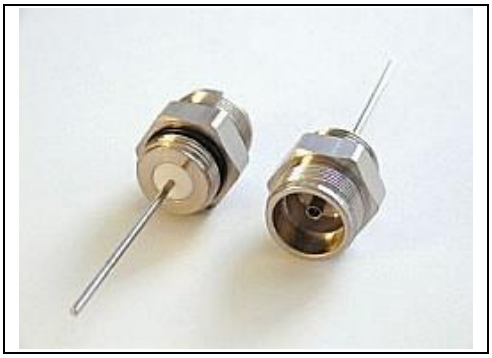
Corning Cabelcon Datasheet

Item no.	87635121
Connector type	PG11M-3.5/12F PIN Ø 1.8x31/47mm

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	14.0 A @10°C increase
(calculated)	19.7 A @20°C increase

Product photo



Transfer Impedance (CoMeT)	Class A++
	0.18 mΩ/m @ 5-30MHz
	0.01 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A++
	130 dB @ 30-1000MHz
	110 dB @ 1000-3000MHz

Return Loss	Better than	Typical
0.3 - 500 MHz	-39 dB	-42.6 dB
500 - 860 MHz	-37 dB	-40.0 dB
860 - 1000 MHz	-35 dB	-37.7 dB
1000 - 1750 MHz	-30 dB	-32.7 dB
1750 - 2150 MHz	-25 dB	-28.2 dB
2150 - 3000 MHz	-25 dB	-28.2 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.11 dB	-0.06 dB
500 - 860 MHz	-0.14 dB	-0.09 dB
860 - 1000 MHz	-0.15 dB	-0.10 dB
1000 - 1750 MHz	-0.19 dB	-0.14 dB
1750 - 2150 MHz	-0.22 dB	-0.17 dB
2150 - 3000 MHz	-0.26 dB	-0.21 dB

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

Intermodulation	IM3	IP3-value
3rd Order (@2x1W)	-158 dBc	+108 dBm

Inner Conductor Resistance (@ 1 A DC)	0.52 mΩ
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours
Insulation Resistance (@ 500 VDC)	>200 GΩ
Dielectric Strength DC Test Voltage	6.0 KV
O-rings	EPDM

Base Material	
Body Parts	Brass CuZn39Pb3
Inner Conductor	Tin Bronze BZ4
Plating	
Body Parts	Nitin-6
Inner Conductor	Nitin-6
Insulators	POM (Delrin)
Test performed by	Sven-Erik Sandberg
Date of release	January 24, 2012

Remarks

All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
Further technical specifications and installation instructions can be obtained on request.

ISO 9001:2008 / ISO 14001 certified

Distributor:

CABELCON connectors

Corning Cabelcon ApS
Industriparken 10, DK-4760 Vordingborg, Denmark
Tel: +45 55 98 55 99 Fax: +45 55 98 55 04
cabelcon@corning.com www.cabelcon.dk