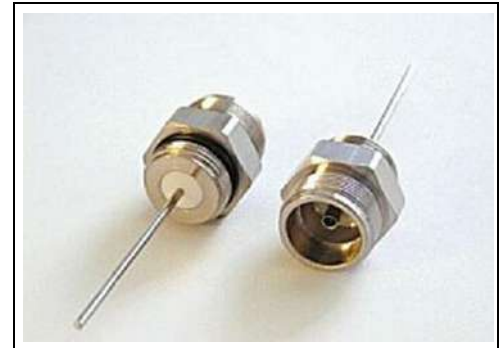


Item no. 87635121

PG11M-3.5/12F PIN Ø 1.8x31/47mm

Frequency Range 0.3 - 3000 MHz
Impedance (Nom.) 75 Ω
 (calculated) 14.0 A @10°C increase
 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
 3rd Order (@2x1W) IM3 IP3-value
 -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

O-rings EPDM

Dielectric Strength
 DC Test Voltage 6.0 KV

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.*