

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		
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		
Temperature		Insertion Loss Max.	
Installing	-5° to +50° C	0.3 - 500 MHz	Better than Typical
Operating	-40° to +100° C	500 - 860 MHz	-0.11 dB -0.06 dB
Storing	-40° to +100° C	860 - 1000 MHz	-0.14 dB -0.09 dB
		1000 - 1750 MHz	-0.15 dB -0.10 dB
		1750 - 2150 MHz	-0.19 dB -0.14 dB
		2150 - 3000 MHz	-0.22 dB -0.17 dB
			-0.26 dB -0.21 dB
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours	Intermodulation 3rd Order (@2x1W)	IM3 IP3-value
O-rings	EPDM		-158 dBc +108 dBm
Base Material		Inner Conductor Resistance (@ 1 A DC)	0.52 mΩ
Body Parts	Brass CuZn39Pb3	Insulation Resistance (@ 500 VDC)	>200 GΩ
Inner Conductor	Tin Bronze BZ4	Dielectric Strength DC Test Voltage	6.0 KV
Plating			
Body Parts	Nitin-6		
Inner Conductor	Nitin-6		
Insulators	POM (Delrin)	Test performed by	Sven-Erik Sandberg
Remarks		Date of release	January 24, 2012

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