

Item no.	89570005-01		Connector type	89570005-01	
			For cable	PIN Ø 1.8x47mm WITH AC BLOCKING	
Frequency Range	0.3 - 3000 MHz		Product photo		
Impedance (Nom.)	75 Ohm				
Power Rating (measured)	*1/2 W				
Transfer Impedance (CoMeT)	Class A++ <0.9 mΩ/m @ 5-30MHz -0.02 mΩ/item @ 5-30MHz				
Screening Attenuation(CoMeT)	Class A++ >120 dB @ 30-1000MHz >105 dB @ 1000-2000MHz >105 dB @ 2000-3000MHz				
Return Loss (IEC 61169-1)	Better than	Typical	Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-23 dB	-25.6 dB	0.3 - 500 MHz	- dB	- dB
500 - 860 MHz	-18 dB	-21.0 dB	500 - 860 MHz	- dB	- dB
860 - 1000 MHz	-18 dB	-20.2 dB	860 - 1000 MHz	- dB	- dB
1000 - 1750 MHz	-13 dB	-15.5 dB	1000 - 1750 MHz	- dB	- dB
1750 - 2150 MHz	-13 dB	-15.5 dB	1750 - 2150 MHz	- dB	- dB
	dB	dB		dB	dB
Temperature			Intermodulation	IM3	
Installing	-5° to +50° C		3rd Order (@2x100mW)	-131 dBc	
Operating	-40° to +85° C				
Storing	-40° to +85° C		Inner Conductor Resistance (@ 1 A DC)	-	
Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours		Insulation Resistance (@ 500 VDC)	>29.9 GΩ	
O-rings	EPDM		Dielectric Strength AC Test Voltage	200 V	
Base Material			Max. Tensile Strength Overall	-	
Body Parts	Brass CuZn39Pb3			-	
Inner Conductor	Brass CuZn39Pb3			-	
Plating			Torsional Strength (Connector / Cable)	-	
Body Parts	Nitin-6			-	
Inner Conductor	Nitin-6 / Tin				
Insulators	POM (Delrin) / **		Test performed by	Sven-Erik Sandberg	
			Date of release	June 27, 2016	
Remarks	* Signal level 1/2W@75Ω equals +134dBμV. **Printed Circuit Board made of CEM3.				

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