

Item no. **PLU010122** Connector type **NM/50-NF/50 AG/AG**

Frequency Range	50 - 5000 MHz
Impedance (Nom.)	50
Amp. Rating (@10°C increase)	15 A
Shielding Effectiveness(CoMeT)	112 dB @ 30-1000MHz
(CoMeT)	111 dB @ 1000-2000MHz



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 (IEC 61169-1)

(RF Analyzer HP 8719D)

	Better than	Typical
50 - 1000 MHz	37 dB	>40,0 dB
1000 - 2000 MHz	37 dB	>40,0 dB
2000 - 3000 MHz	33 dB	>36,0 dB
3000 - 5000 MHz	31 dB	34,0 dB
900 MHz	37 dB	>40,0 dB
1800 MHz	37 dB	>40,0 dB

Insertion Loss Max.

	Better than	Typical
50 - 1000 MHz	0,06 dB	0,01 dB
1000 - 2000 MHz	0,06 dB	0,01 dB
2000 - 3000 MHz	0,06 dB	0,01 dB
3000 - 5000 MHz	0,06 dB	0,01 dB
900 MHz	0,06 dB	0,01 dB
1800 MHz	0,06 dB	0,01 dB

Temperature

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

Intermodulation

3rd Order (@2x20W)	IM3	IP3-value
	-167 dBc	+120 dBm

Inner Conductor Resistance

@1 A DC	<0,4 m
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Sealing Test

(IEC IP-code)	IP X8 30 meter / 8 hours
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Insulation Resistance

@500 VDC	>200 G
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O-rings

EPDM

Dielectric Strength

DC Test Voltage	3,5 KV
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Base Material

Body Parts	Brass CuZn39Pb3 / Tin bronze
Inner Conductor	Tin Bronze

Plating

Body Parts	Nitin-6 / Silver
Inner Conductor	Silver

Insulators

PTFE (Teflon)

Test performed by

Sven-Erik Sandberg

Date of release

January 12, 2007

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors