

DATA SHEET

Item no.	76020105	Connector type	NM/50-201/50 AG/AG
		For cable	Andrew CNT-400

Frequency Range	50 - 6000 MHz
Impedance (Nom.)	50 Ω
Amp. Rating (measured)	14,0 A @10°C increase
(calculated)	19,5 A @20°C increase
Shielding Effectiveness (CoMeT)	110 dB @ 50-1000Mhz
	100 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	-25 dB	-28,2 dB
1000 - 2000 MHz	-20 dB	-22,6 dB
2000 - 3000 MHz	-17 dB	-19,7 dB
3000 - 4000 MHz	-16 dB	-18,5 dB
4000 - 6000 MHz	-15 dB	-17,8 dB
900 MHz	-26 dB	-28,9 dB
1800 MHz	-21 dB	-23,6 dB
2450 MHz	-18 dB	-21,0 dB

Insertion Loss Max.

	Better than	Typical
50 - 1000 MHz	-0,14 dB	-0,09 dB
1000 - 2000 MHz	-0,21 dB	-0,16 dB
2000 - 3000 MHz	-0,28 dB	-0,23 dB
3000 - 4000 MHz	-0,37 dB	-0,32 dB
4000 - 6000 MHz	-0,41 dB	-0,36 dB
900 MHz	-0,13 dB	-0,08 dB
1800 MHz	-0,19 dB	-0,14 dB
2450 MHz	-0,28 dB	-0,23 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation

3rd Order (@2x100mW)	IM3	IP3-value
	-128 dBc	+84 dBm

Inner Conductor Resistance

@ 1 A DC	0,3 m Ω
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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 Ω
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O-rings

EPDM

Dielectric Strength

DC Test Voltage	2 KV
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Base Material

Body Parts	Brass CuZn39Pb3 / PS2
Inner Conductor	Brass CuZn39Pb3

Max. Tensile Strength

Overall	750 N
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Plating

Body Parts	Nitin-6 / Silver
Inner Conductor	Silver

Torsional Strength

(Connector / Cable)	1,6 Nm
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Insulators

TPX / PP with Glass

Test performed by

Troels V. Kristensen

Date of release

June 01, 2007

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors