



Rev 1.0
13.12.2016

Aaronia N-Cables

High quality cables with N-connector and low attenuation, waterproof

- ◆ Low cable loss
- ◆ Frequency range up to 18GHz
- ◆ Waterproof
- ◆ Good mechanical phase and amplitude stability
- ◆ Long bending life
- ◆ Three layer shielded cable
- ◆ 2 years warranty


AARONIA AG
WWW.AARONIA.DE

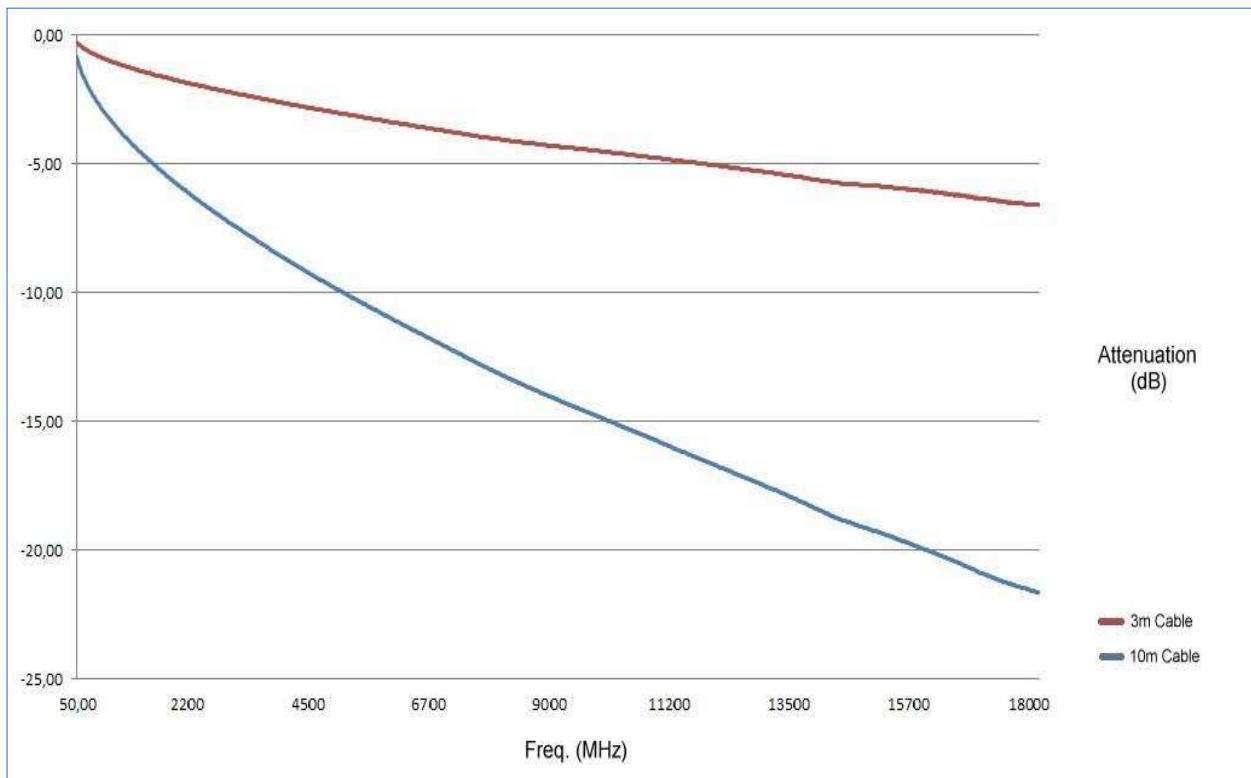
Made in Germany



TECHNICAL DATA

- ◆ **Length** 3m (*Article 776*) or 10m (*Article 776-10*)
- ◆ **Connector** N (male)
- ◆ **VSWR** 6GHz: 1,15:1 / 18GHz: 1,30:1
- ◆ **Frequency Range** DC to 18GHz
- ◆ **Impedance** 50 Ohms
- ◆ **Velocity** 70%
- ◆ **Shielding** >100dB
- ◆ **Attenuation** see graphic below
- ◆ **Average Power (max.)** 1GHz: 540W / 2GHz: 360W / 6GHz: 180W / 18GHz: 90W
- ◆ **Capacitance** 96,4pf/meter
- ◆ **Temperature Range** -40° to 105°C
- ◆ **Diameter** 10,8mm
- ◆ **Weight** 3m cable: 0,75kg / 10m cable: 2,5kg
- ◆ **Warranty** 2 years

Attenuation



Cable Loss 3m and 10m Cable

References

Cross-Section of Aaronia Clients

Government, Military, Aeronautic, Astronautic

- ◆ NATO, Belgium
- ◆ Department of Defense, USA
- ◆ Department of Defense, Australia
- ◆ Airbus, Germany
- ◆ Boeing, USA
- ◆ Bundeswehr, Germany
- ◆ NASA, USA
- ◆ Lockheed Martin, USA
- ◆ Lufthansa, Germany
- ◆ DLR, Germany
- ◆ Eurocontrol, Belgium
- ◆ EADS, Germany
- ◆ DEA, USA
- ◆ FBI, USA
- ◆ BKA, Germany
- ◆ Federal Police, Germany
- ◆ Ministry of Defense, Netherlands

Research/Development, Science and Universities

- ◆ MIT - Physics Department, USA
- ◆ California State University, USA
- ◆ Indonesien Institute of Science, Indonesia
- ◆ Los Alamos National Laboratory, USA
- ◆ University of Bahrain, Bahrain
- ◆ University of Florida, USA
- ◆ University of Victoria, Canada
- ◆ University of Newcastle, United Kingdom
- ◆ University of Durham, United Kingdom
- ◆ University Strasbourg, France
- ◆ University of Sydney, Australia
- ◆ University of Athen, Greece
- ◆ University of Munich, Germany
- ◆ Technical University of Hamburg, Germany
- ◆ Max-Planck Institute for Radio Astronomy, Germany
- ◆ Max-Planck-Institute for Nuclear Physics, Germany
- ◆ Research Centre Karlsruhe, Germany

Industry

- ◆ APPLE, USA
- ◆ IBM, Switzerland
- ◆ Intel, Germany
- ◆ Shell Oil Company, USA
- ◆ ATI, USA
- ◆ Microsoft, USA
- ◆ Motorola, Brazil
- ◆ Audi, Germany
- ◆ BMW, Germany
- ◆ Daimler, Germany
- ◆ Volkswagen, Germany
- ◆ BASF, Germany
- ◆ Siemens AG, Germany
- ◆ Rohde & Schwarz, Germany
- ◆ Infineon, Austria
- ◆ Philips, Germany
- ◆ ThyssenKrupp, Germany
- ◆ EnBW, Germany
- ◆ CNN, USA
- ◆ Duracell, USA
- ◆ German Telekom, Germany
- ◆ Bank of Canada, Canada
- ◆ NBC News, USA
- ◆ Sony, Germany
- ◆ Anritsu, Germany
- ◆ Hewlett Packard, Germany
- ◆ Robert Bosch, Germany
- ◆ Mercedes Benz, Austria
- ◆ Osram, Germany
- ◆ DEKRA, Germany
- ◆ AMD, Germany
- ◆ Keysight, China
- ◆ Infineon Technologies, Germany
- ◆ Philips Semiconductors, Germany
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- ◆ JDSU, Korea
- ◆ Wilkinson Sword, Germany
- ◆ IBM Deutschland, Germany
- ◆ Nokia-Siemens Networks, Germany



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