

AquaAmp Inc

SeaSocket Antenna Specification

9/1/2025

Use Specification:

NFC Forum Type 4 Tag IC specification (NXP NTAG 424 DNA Certification ID: 58562), with the contactless proximity protocol according to ISO/ IEC14443-4 and the ISO/IEC 7816-4 based file system and command frames.

Operating Frequency:

Standard NFC Operating frequency of 13.56 MHz

Physical Characteristics:

- Spiral PCB planar loop antenna 29mm OD, three turns, 2 oz copper on 1.6mm FR4 substrate
- Asymmetric tuning network, 20 ohm target impedance

Target Maximum Range:

Tag target reading range specified as 29mm

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