



aptiQ™ 9520 2.5k bit ISO MIFARE Smart Card

The following document contains sample specifications for the aptiQ 9520 2.5k bit ISO MIFARE Smart Card. They are written using industry standard formatting and language. These specifications are for use by architects, consultants, and specifying engineers who are preparing bid specifications for access control, building control and security systems.

The electronic version of these specifications may be copied into the appropriate sections of a complete bid specification by using the “cut and paste” method. They are written to highlight unique and powerful features of the aptiQ 9520 2.5k bit ISO MIFARE Smart Card.

If you require technical specifications or additional information on these products, please visit the Allegion website [here](#).

9520 2.5k bit ISO MIFARE Smart Card

- a. Access cards shall be used with access readers to gain entry to access control portals (e.g. doors, gates, turnstiles) and to hold information specific to the user.
- b. The card shall function at 13.56 MHz.
- c. Presentation to the access control reader at any angle within a minimum distance of one half (1/2) inch shall result in an accurate reading of the card.
- d. The card shall have a read range of up to 4 inches.
- e. The card shall be compatible with aptiQ, XceedID, and Schlage smart card readers.
- f. The card shall be made of a composite material for added durability.
- g. The card shall have open memory architecture.
- h. The card shall be GSC-IS® certified.
- i. The card shall have an ISO MIFARE microprocessor.
- j. The card shall have a passive design, requiring no batteries.
- k. The card shall have 2.5k bits of memory.
- l. The card shall be ISO14443 compliant.