

WPC048_ NFC Antenna Specification

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1. Introduction

1.1 Purpose

The purpose of this document is to introduce some characteristics of NFC antenna.

1.2 Scope

The scope of this document is only the antenna parameter.

2. System Overview

2.1. System Overview

The NFC antenna complies with ISO/IEC 14443. This antenna supports CLASS 1 and CLASS 6 NFC card.

2.2. Mechanical Shape

Antenna PCB size 170.4mm*70.4mm



2.3. Technical Parameter

Electrical specifications	Parameters	Value
Antenna type	Type	2-loop PCB Antenna
Applicable temperature range	Operating temperature	-40°C~85°C
	Storage temperature	-40°C~85°C
NFC Working frequency	ISO/IEC 14443	13.56MHz
NFC card	ISO/IEC 14443	CLASS1 CLASS6
PCB Size	Size	170.4mm*70.4mm
Antenna Size	Size	166.5mm*65.6mm

Table 1: Technical Parameter