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Phone Case with Built-In UHF RFID Reader

Technical Specification:

Air Interface Protocol:

EPCglobal UHF Class 1 Gen 2
Version 2.0.0
Supports tag vendor specific custom
commands

Frequency:

Supports NXP UCODE DNA

865 - 868Mhz

Number of Channels:

4 channels

Supported Region:

ETSI (Europe) - ETSI EN 302 208

RF Power Output:

max. 9dBm

Antenna:

Internal circular polarized antenna

Tag Communication Rate:

40 kbps

Tag Read Rate:	Up to 10 tags/second
Read Range:	up to 25 cm
	(Tested with an ALN-9662 tag, depending on tag and environment)
Communication Interface:	NFC ISO/IEC 15693
Power source:	NFC Energy Harvesting
	Ready to be used in min. 5 seconds
Operating Temperature:	-20°C to +55°C
Thickness:	6.6mm from the back of the smartphone
Supported Smartphone Models:	Apple iPhone 16 Pro Apple iPhone 16 Apple iPhone 15 Pro Apple iPhone 15 Apple iPhone 14 Pro Samsung Galaxy S25 Ultra Samsung Galaxy S25+ Samsung Galaxy S25 Samsung Galaxy S24+ Samsung Galaxy S23 Ultra Samsung Galaxy A16 5G