Home of RF and Wireless Vendors and Resources

One Stop For Your RF and Wireless Need

NFC vs RFID vs bluetooth vs wifi-difference between NFC,RFID,bluetooth and wifi

This page on NFC vs RFID vs bluetooth vs wifi describes **difference between** NFC, RFID, bluetooth and wifi technologies.

Specifications	NFC	RFID	Blu
Maximum	10cm	3meter	100

RF WIRELESS TUTORIALS

5G NR |

Zigbee |

z-wave |

Bluetooth |

GSM | UMTS |

LTE | WLAN |

802.11ac | IoT

Coverage Range			
Frequency of operation	13.56MHz	varies	2.4(
Communication	2-way	1-way	2-w
Data rate	106,212,424Kbps	varies	22M
Applications	credit card related payments, e-ticket booking	EZ-Pass, tracking items	com betw pho peri

NFC Related Links

Refer NFC basics article which covers NFC (Near Field Communication) basics including NFC operation modes, NFC frequency, NFC data rates, NFC tag types, NFC applications and NFC signalling types and more.

Refer NFC-A vs NFC-B vs NFC-F for difference between different NFC signalling types.

RFID Related Links

Refer RFID tutorial covering RFID basics including RFID terminologies, what is RFID, RFID frequencies,

RFID network, factors/requirements in determining RFID network, RFID cost, RFID applications, RFID vendors and manufacturers, RFID standards and more.

Bluetooth Related Links

Refer Bluetooth tutorial which covers basics of bluetooth system, bluetooth technical specifications or features and provides link to bluetooth physical layer, bluetooth MAC layer, bluetooth protocol stack, frequency allocations and bluetooth power classes.

WiFi Related Links

Refer page on wifi tutorial.

Refer page on difference between mifi and wifi.

Refer our page which describes about what is wlan or wifi.

NFC technology related links

NFC basics   NFC-A,NFC-B,NFC-F types   NFC vs RFID   difference between bluetooth,wifi,RFID and NFC   What is NFC on phone   Difference between NFC tag types   NFC Tag vs NFC Reader

What is Difference between

IoT Wireless Technologies

➤ [WLAN](#)   ➤ [THREAD](#)   ➤ [EnOcean](#)   ➤ [LoRa](#)
➤ [SIGFOX](#)   ➤ [WHDI](#)
➤ [Zigbee](#)   ➤ [6LoWPAN](#)   ➤ [Zigbee RF4CE](#)   ➤ [Z-Wave](#)   ➤ [NFC](#)   ➤ [RFID](#)   ➤ [INSTEON](#)

RF and Wireless Terminologies

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