





**VS**

**LoRa**

**BLE vs. LoRa**

Description	<b>BLE</b> 	<b>LoRa</b> 
Transmission Range	100 m (330 ft.)	Up to 5 Km (3.1 Mi)
Data Rate Values	1 Mbps (long messages)	0.3-50 kbps (short messages)
Hardware Costs	Lower	Higher
Geographical Constrains	Global license free	USA, EU and China have different RF usage for LoRa.
Best Use Case	Machine monitoring with complex sensor data transmission	Facilities with wide outdoor area with few data transmission.