



UNIT - 3



WIRELESS TRANSMISSION FUNDAMENTALS

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INTRODUCTION



- Without the use of wires or electronic conductors, wireless communication allows for information to be transmitted by using electromagnetic waves.
- The various types of wireless communication include
 - radio broadcast (RF)
 - infrared (IR)
 - microwave
 - Bluetooth

NARROW AND WIDEBAND SYSTEMS

- ▶ Narrowband systems typically have lower data rate transmissions.
- ▶ Whereas wideband systems support relatively higher data rate transmissions.
- ▶ To put simply, wideband systems allow for faster communication.