

CDMA

CDMA is an abbreviation of **Code Division Multiple Access** is a digital air interface standard, claiming eight to fifteen times the capacity of traditional analog cellular systems.

CDMA is a spread spectrum technology, which means that it spreads the information contained in a particular signal of interest over a much greater bandwidth than the original signal. With CDMA, unique digital codes, rather than separate RF frequencies or channels, are used to differentiate subscribers. The codes are shared by both the mobile station (cellular phone) and the base station, and are called pseudo-random code sequences. Since each user is separated by a unique code, all users can share the same frequency band (range of radio spectrum). This gives many unique advantages to the CDMA technique over other RF techniques in cellular communication.

Related Links:

- [CDMA](#)
-