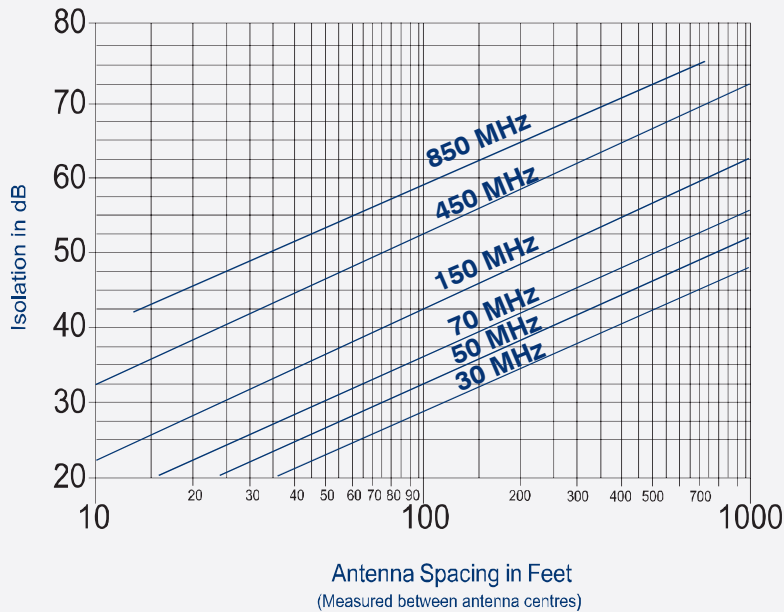


# Isolation Versus Antenna Separation

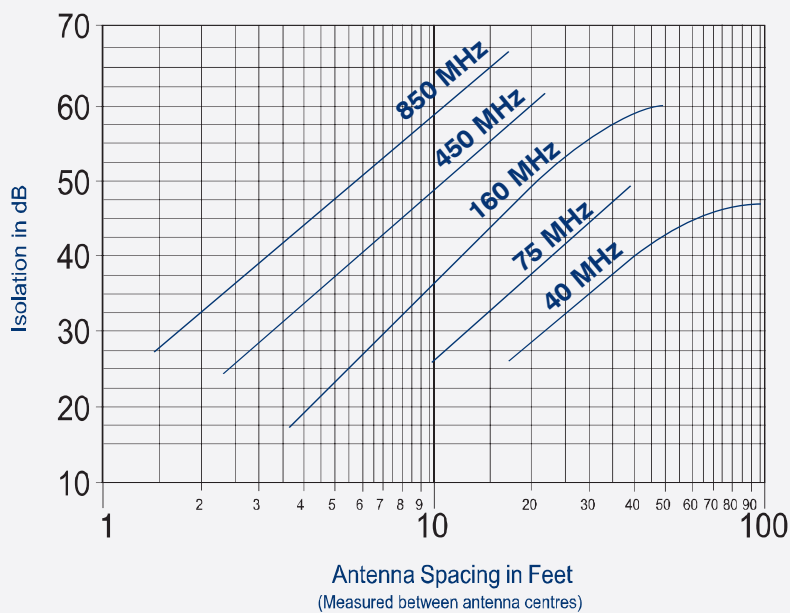
Below curves illustrate the amount of isolation that can be achieved by having either vertical or horizontal physical separation between two antennas (e.g. transmit and receive antennas).

Vertical separation is generally preferred as it provides a greater amount of isolation compared to horizontal separation.



Attenuation provided by HORIZONTAL separation of dipole antennas

## Isolation vs Antenna Separation



Attenuation provided by VERTICAL separation of dipole antennas