

[Question-1 Section-3]

Answer

Helical Antenna:—

Helical antenna or helix antenna is in which the conducting wire is wound in helical shape and connected to the ground plane with a feeder line. It is the simplest antenna which provides circularly polarized waves. It is used in extra-terrestrial communications in which satellite relays etc... are involved.

Types of method for parabolic reflector:—

A variety of different feed techniques can be used with parabolic reflector antennas including: focal feed, cassegrain, Gregorian, offset feed. It is possible to use one of a variety of different feed arrangements when using a parabolic reflector antenna.

