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Reflector antennas typically take various configurations, some of the most popular ones being singly and doubly curved, single and multiple reflectors, and many others. The nature of applications and the resulting radiation patterns, such as pencil beam, contour beam, multifrequency, polarizations, and so on, dictate the actual configuration of ...

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Abstract. Reflector antennas are in widespread use in communications and radar applications in the twenty-first century. They are seen on towers for point-to-point telecommunication links, on houses for pay tv and in news items of spacecraft travelling to distant galaxies.

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