

Antennas



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graph TD; A[Antennas] --- B[Types]; A --- C[Parameters]; B --- B1[Wire]; B --- B2[Aperture]; B --- B3[Microstrip]; B --- B4[Reflector]; B --- B5[Array]; B --- B6[Lens]; C --- C1[Radiation pattern]; C --- C2[Radiation power density]; C --- C3[Radiation intensity]; C --- C4[Bandwidth]; C --- C5[Polarisation]; C --- C6[Beamwidth]; C --- C7[Antenna efficiency]; C --- C8[Gain]; C --- C9[Beam efficiency]; C --- C10[Antenna radiation efficiency]; C --- C11[Directivity]; C --- C12[Effective length]; C --- C13[Effective areas];
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A mind map centered on 'Antennas'. The central node is a light green rectangle. Two main branches emerge: a red one to the left labeled 'Types' and a yellow one to the right labeled 'Parameters'. The 'Types' branch further divides into six sub-branches: 'Wire', 'Aperture', 'Microstrip', 'Reflector', 'Array', and 'Lens'. The 'Parameters' branch divides into thirteen sub-branches: 'Radiation pattern', 'Radiation power density', 'Radiation intensity', 'Bandwidth', 'Polarisation', 'Beamwidth', 'Antenna efficiency', 'Gain', 'Beam efficiency', 'Antenna radiation efficiency', 'Directivity', 'Effective length', and 'Effective areas'.

Types

Wire

Aperture

Microstrip

Reflector

Array

Lens

Parameters

Radiation pattern

Radiation power density

Radiation intensity

Bandwidth

Polarisation

Beamwidth

Antenna efficiency

Gain

Beam efficiency

Antenna radiation efficiency

Directivity

Effective length

Effective areas