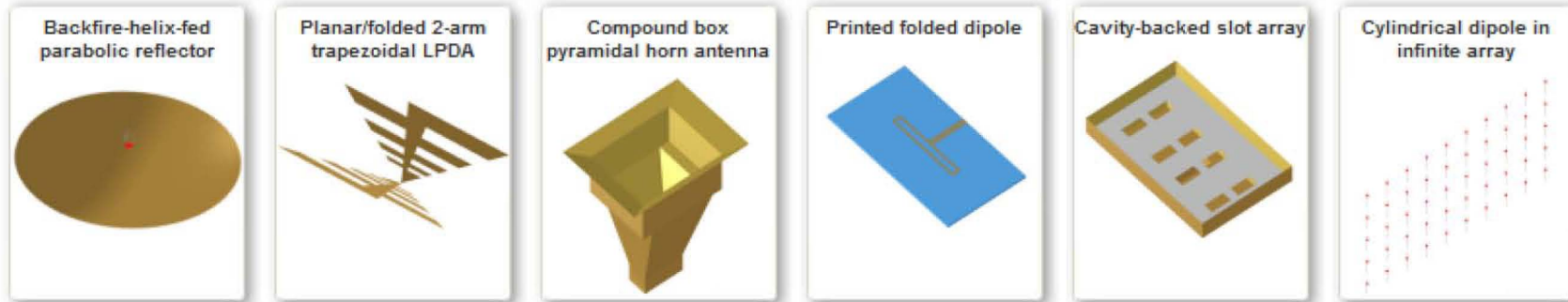


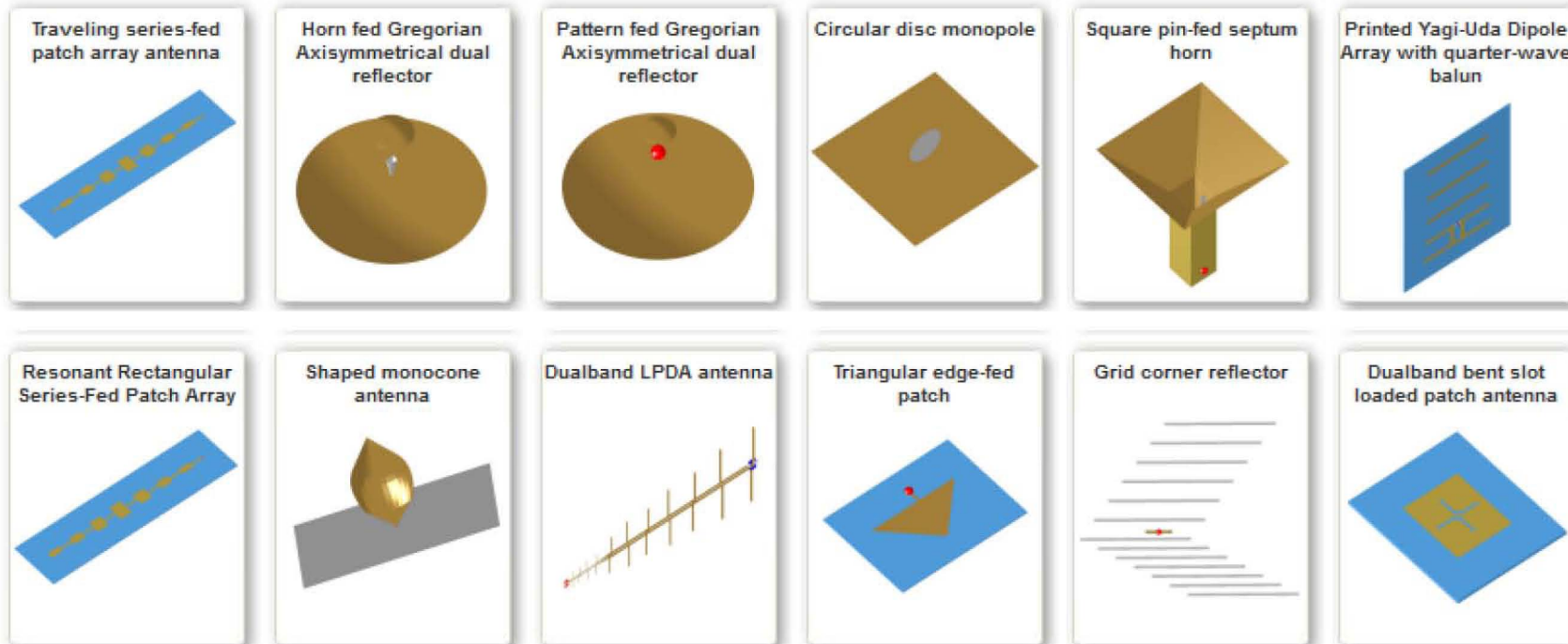
Antennas:

The antennas listed below are available in the Antenna Magus database. For each of these antennas, Antenna Magus offers detailed information, synthesis algorithms, performance estimations and ready-to-run simulation models.

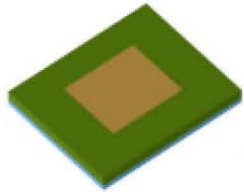
Latest antennas released since Version 3.3



More antennas in the database



Aperture coupled patch antenna



Crossed T DRA antenna



2-Arm planar log-periodic antenna



Turnstile antenna



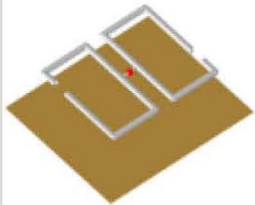
Planar blade antenna



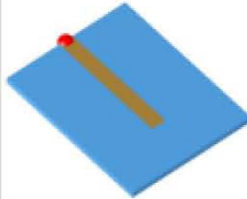
Potter horn



Circularly polarised rectangular Bi-Quad



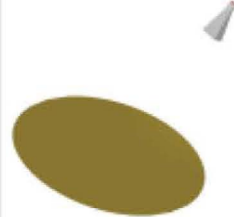
Planar sleeve monopole



UWB planar accordion monopole antenna



Offset (symmetric) parabolic reflector



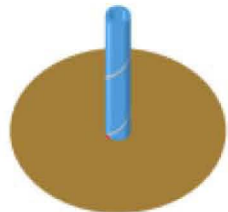
Self-phased Quadrifilar Helix on a solid core



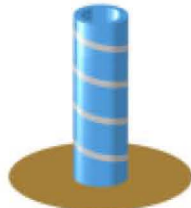
Open-ended Quadrifilar Helix printed on a dielectric sheet



Normal mode Helix printed on a dielectric sheet



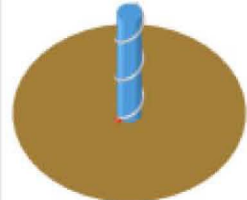
Axial-mode Helix printed on a dielectric sheet



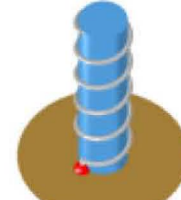
Waveguide-fed scalar corrugated conical horn



Normal mode helix with dielectric core



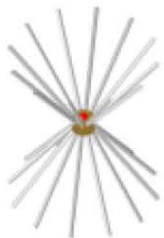
Dielectrically loaded axial mode wire helix



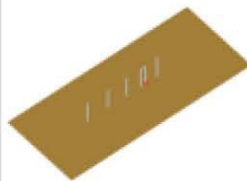
4-arm Archimedes spiral antenna



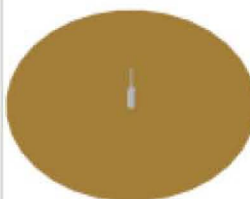
Wire bicone antenna



Yagi-Uda Monopole Array with Folded Feed



Sleeve monopole antenna



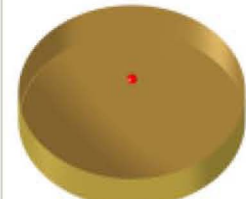
Open sleeve dipole

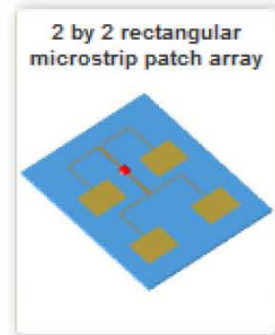
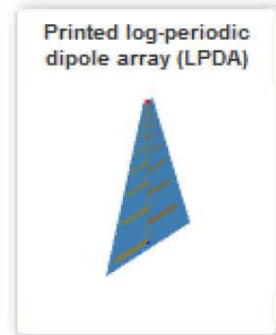
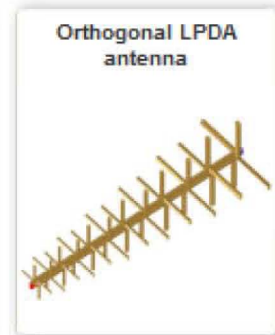
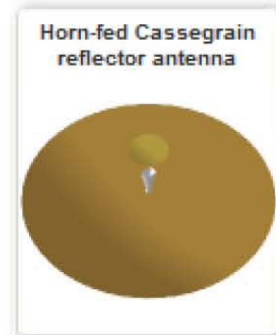
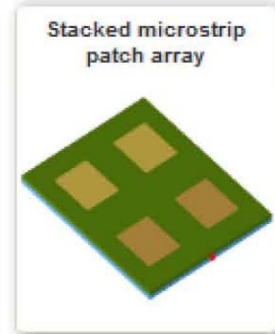
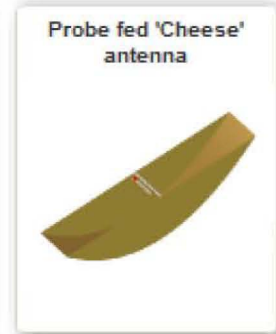
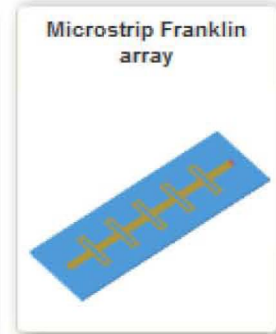
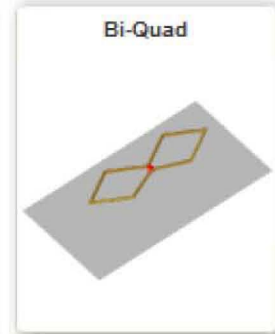
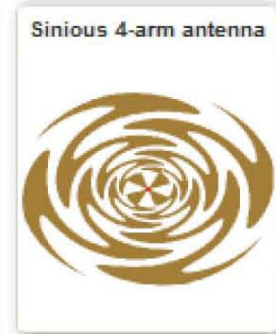
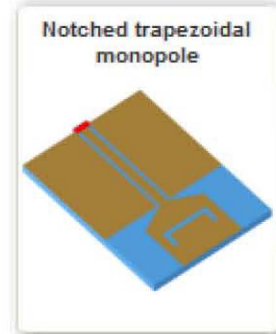
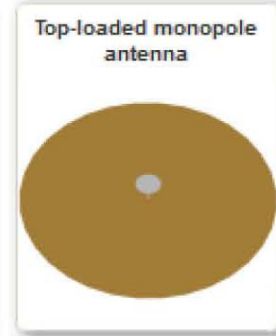
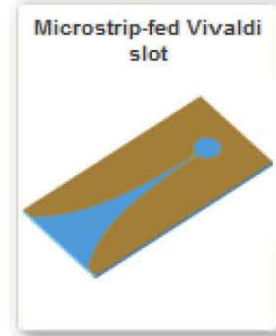
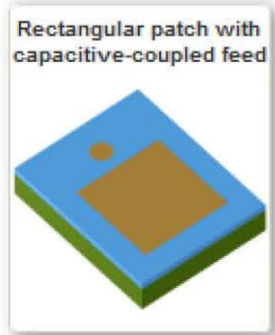
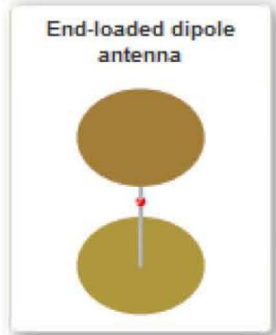
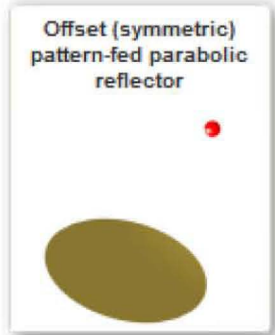
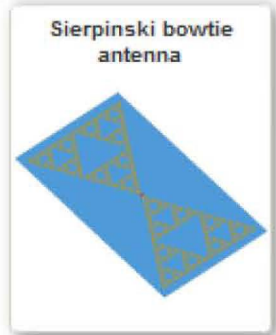
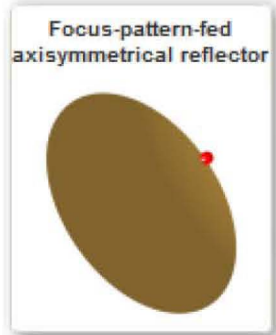


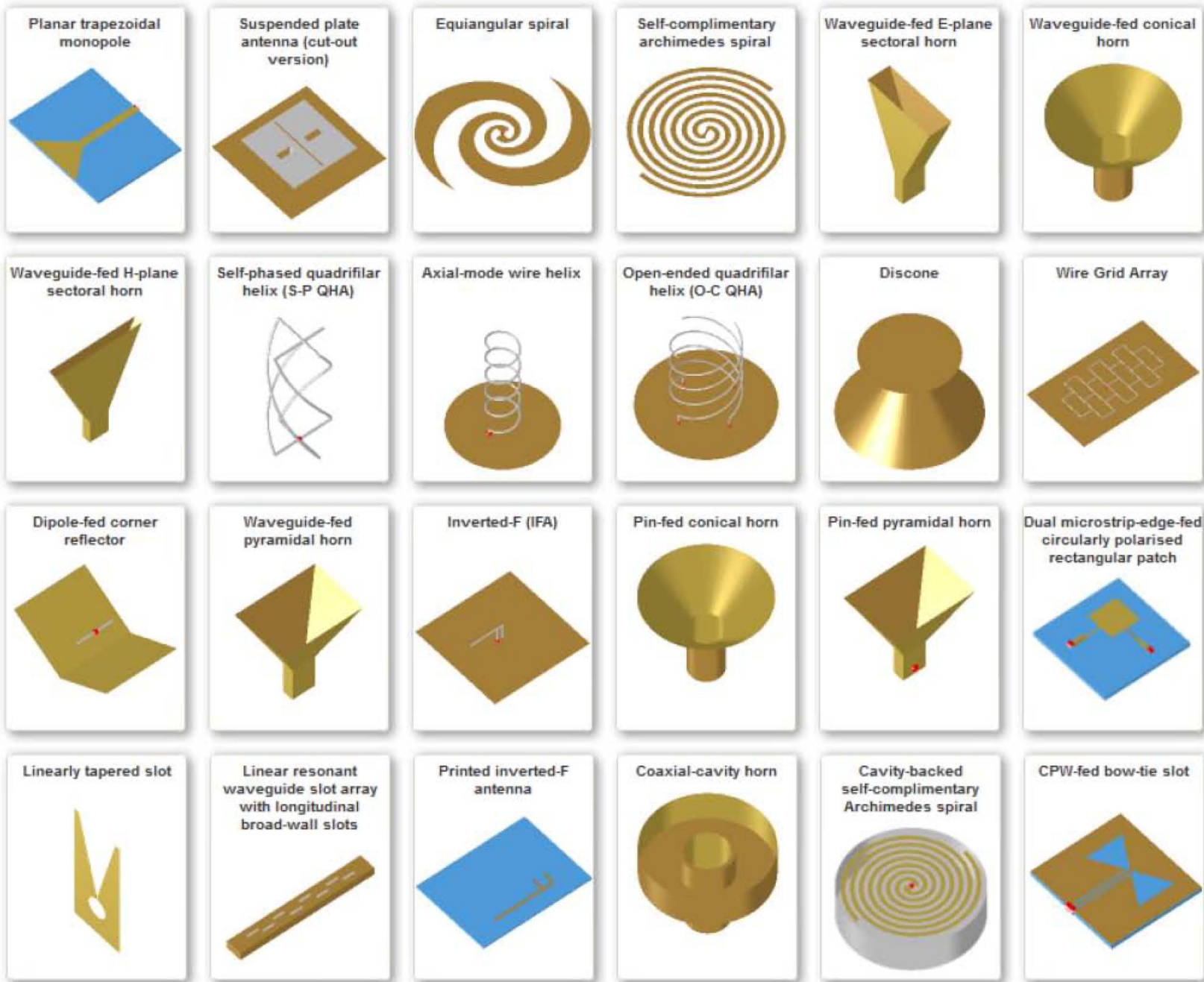
Scrimp horn antenna



Parabolic focus pattern fed reflector with shroud



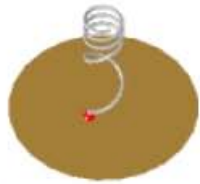




Sequentially rotated 2 by 2 array of pin-fed notched circular patches



Dual-band normal-mode helix



Wire zigzag antenna



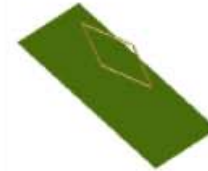
Wire zigzag log-periodic antenna



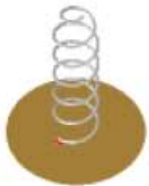
Solid biconical antenna



Rhombic



Axial-mode end-tapered wire helix



Normal mode helix



Dualband slot-loaded pin-fed linear-polarised rectangular patch



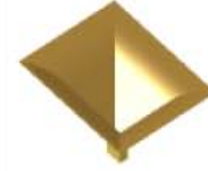
Ridged pyramidal horn



Yagi loop array



Aperture-matched waveguide-fed pyramidal horn



Planar trapezoidal monopole



Suspended plate antenna (cut-out version)



Equiangular spiral



Self-complimentary archimedes spiral



Waveguide-fed E-plane sectoral horn



Waveguide-fed conical horn



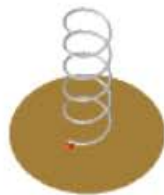
Waveguide-fed H-plane sectoral horn



Self-phased quadrifilar helix (S-P QHA)



Axial-mode wire helix



Open-ended quadrifilar helix (O-C QHA)

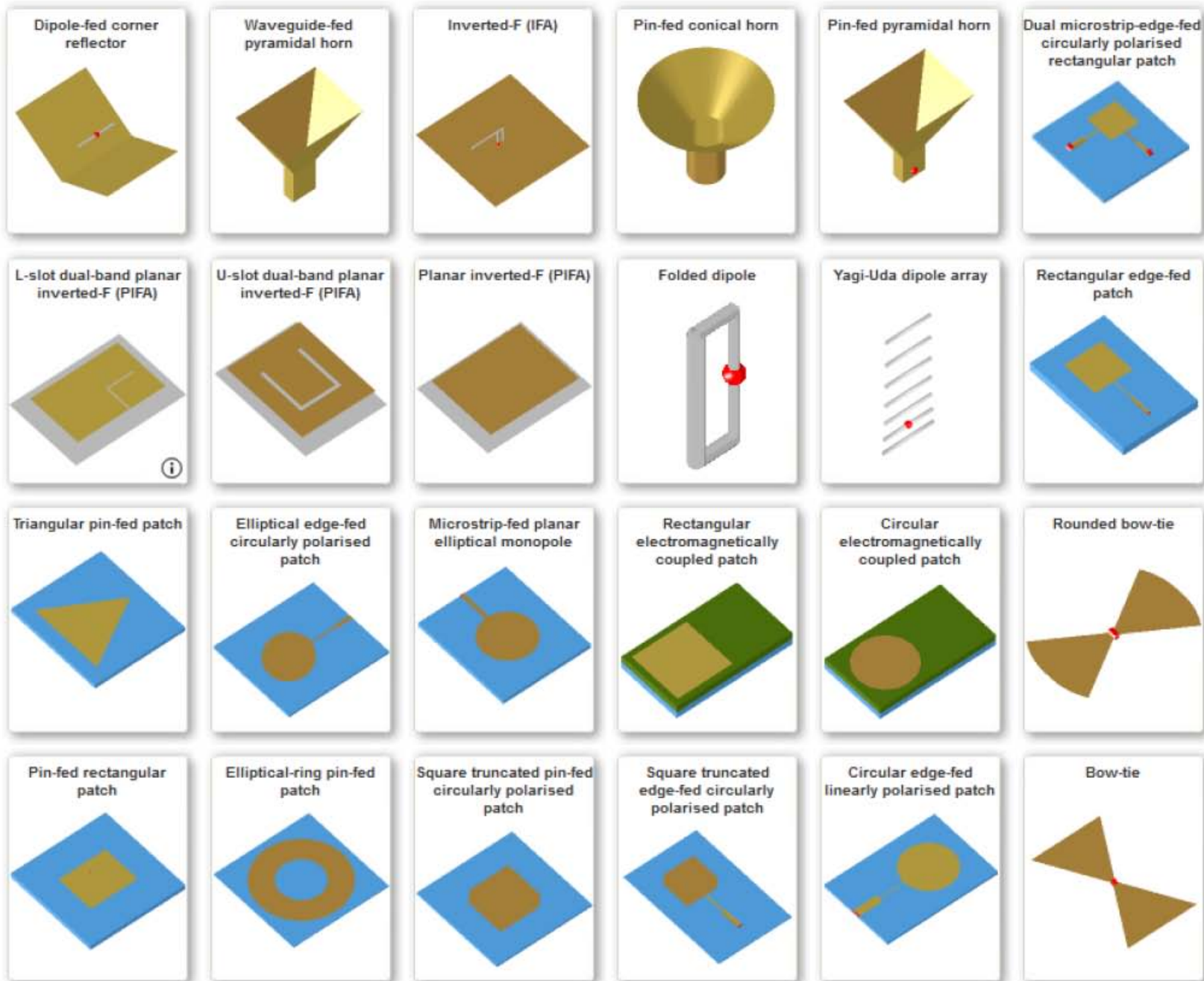


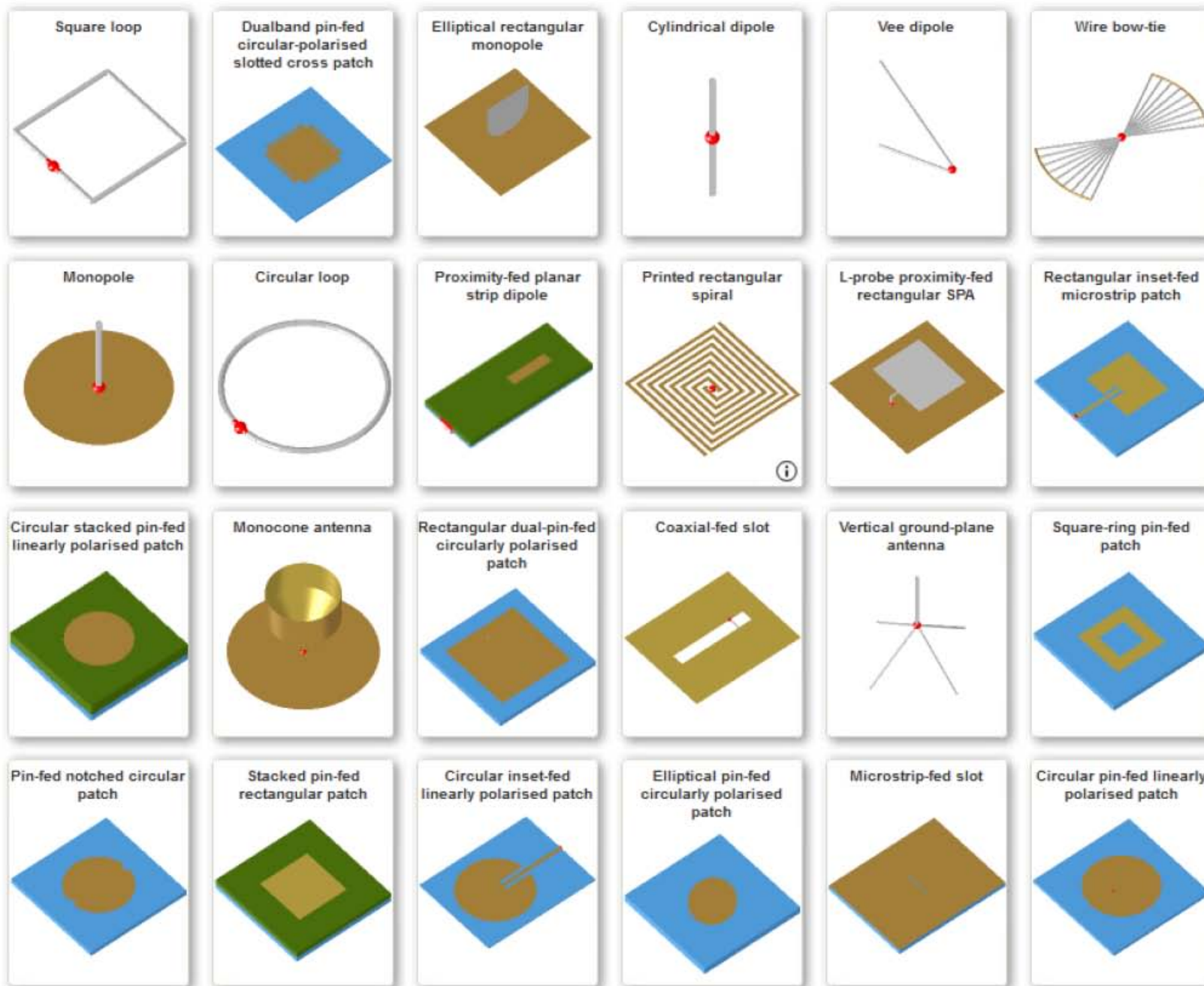
Discone

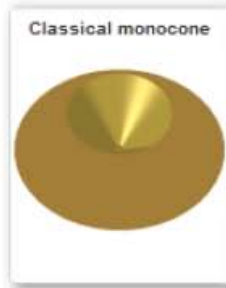
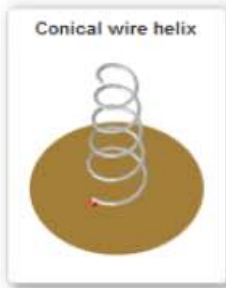
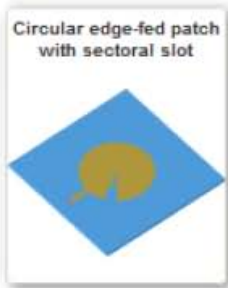


Wire Grid Array



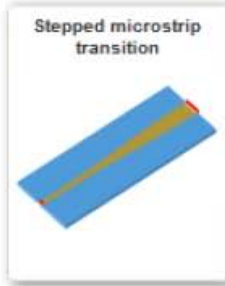
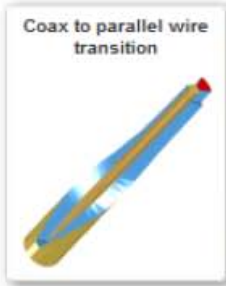
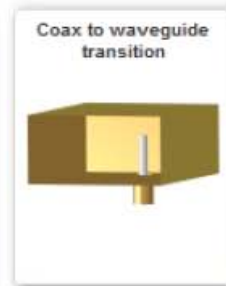
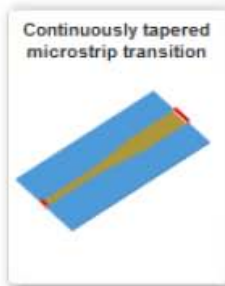
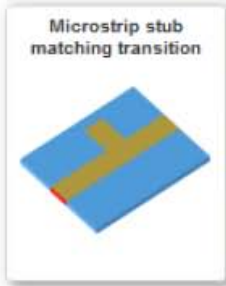
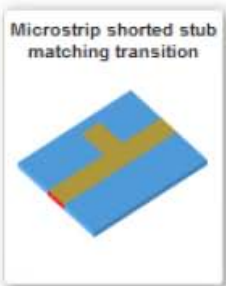
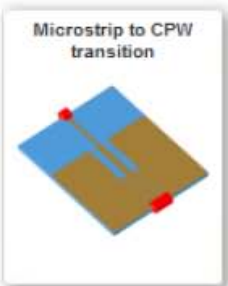






Transitions:

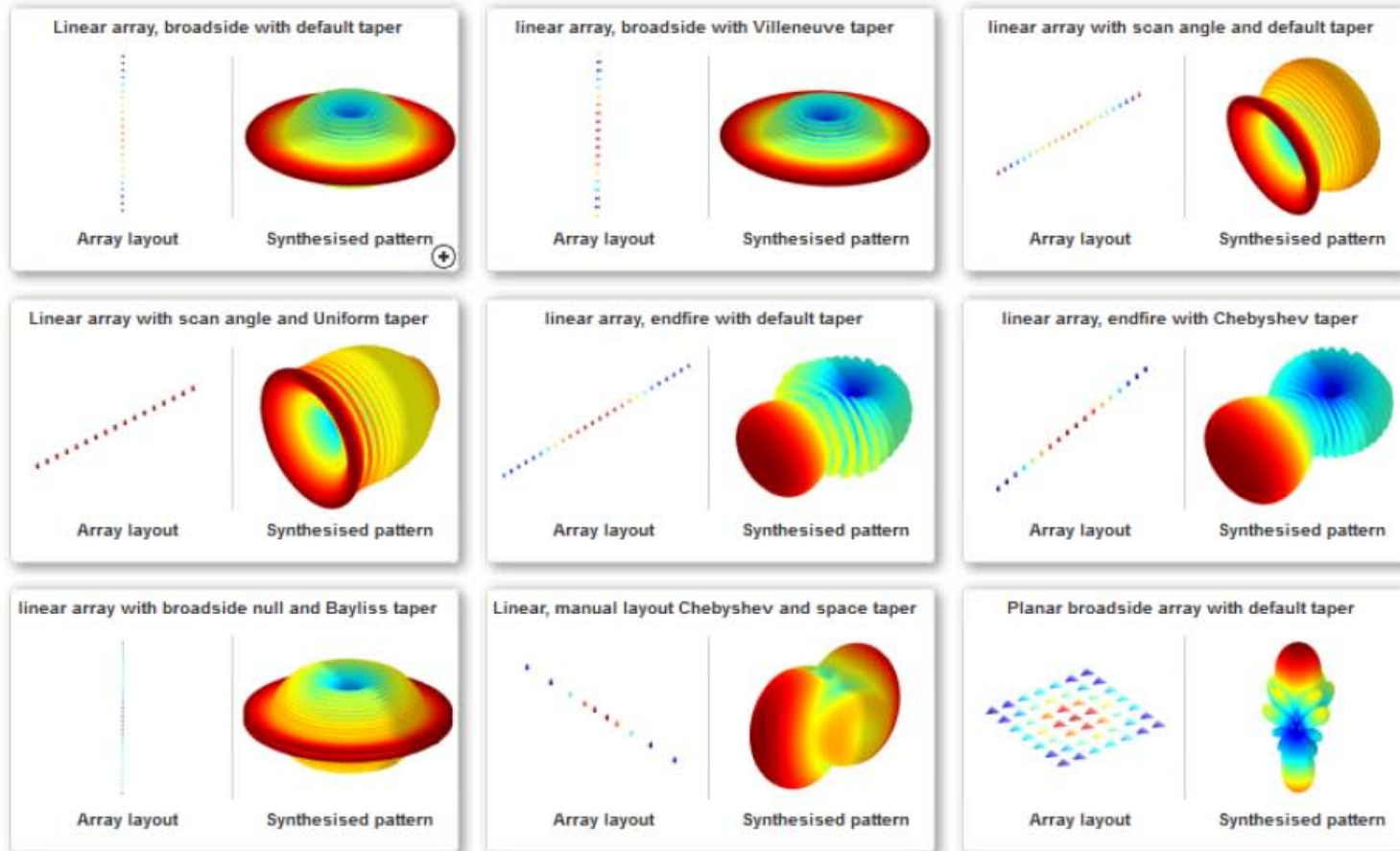
The transitions listed below are available in the Antenna Magus database. For each of these transitions, Antenna Magus offers detailed information.



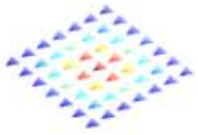
Arrays:

Antenna Magus has synthesis algorithms to design the array topologies shown below. Learn more about array synthesis in Antenna Magus [here](#).

Array Synthesis Tool design examples



Planar broadside array with Chebyshev taper



Array layout

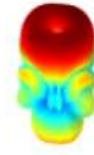


Synthesised pattern

Planar array with broadside null



Array layout



Synthesised pattern

Planar broadside, manual layout and Uniform taper



Array layout

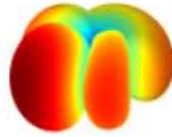


Synthesised pattern

Circular array with 30 deg azimuthal angle



Array layout

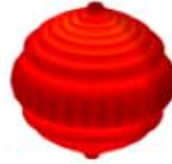


Synthesised pattern

Circular array with manual layout



Array layout

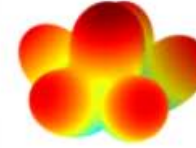


Synthesised pattern

Imported Dodecahedron array with 6 elements



Array layout



Synthesised pattern