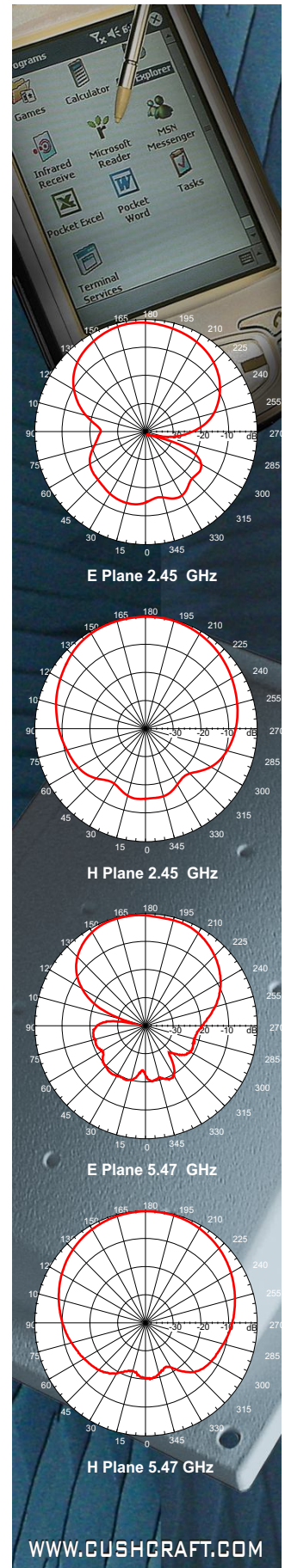




- *COVERS 802.11B/A/G MODES OF OPERATION*
- *PATTERN OPTIMIZED FOR WIDE AREA DIRECTIONAL COVERAGE*
- *SUITABLE FOR BOTH INDOOR AND OUTDOOR APPLICATIONS*
- *WIDE RANGE OF CONNECTOR TYPE AND CABLE LENGTH OPTIONS AVAILABLE*



### 2.4-2.5 GHz / 4.9-5.9 GHz 120 DEGREE SECTOR ANTENNA

Cushcraft's SR249120D dual band tri mode antenna offers the system integrator a perfect solution to indoor and outdoor wide area coverage wall mount applications.

While omnidirectional antennas are well suited to installations where the antenna has a 360 degree unobstructed view into the coverage area, wall mounting omnidirectional antennas can create a number of system performance issues. Since an omnidirectional antenna radiates equally in all directions much of the power is being radiated directly into the wall surface behind the antenna. Wall construction components become actual components of the antenna often causing multipath nulls even within the intended coverage area.

Cushcraft's SR249120D antenna, provides a solution for the most common coverage requirements. The antenna's integrated backplane shields the radiating element from the wall eliminating any wall construction components from becoming a component of the antenna. The antenna's gain makes it a perfect replacement for typical high performance omnidirectional antennas. The result is solid, consistent and uniform coverage within the intended coverage area.

Typical applications include educational, industrial campuses, warehouses, business parks, healthcare centers, transportation concourses, malls, retail centers and other public access buildings.

Call your Cushcraft Sales Representative to place an order or visit us at:  
[www.cushcraft.com](http://www.cushcraft.com)

#### PRODUCT TECHNICAL SPECIFICATIONS

Frequency (GHz):	2.4-2.5 / 4.9-5.9
Gain	5 dBi,
Elevation beamwidth:	65°
Azimuth beamwidth:	120°
VSWR:	2.0:1
Polarization:	Vertical Linear
Weight lbs:	.2
Return Loss:	18 dB
Mounting Style:	Wall / Mast
Dimensions (in):	1.5 x 10.2 x 10.2
Pigtail:	12" Ultralink RG-58
Enclosure:	PVC/Acrylic
Power (Watts):	5
RF Connectors:	N (m)