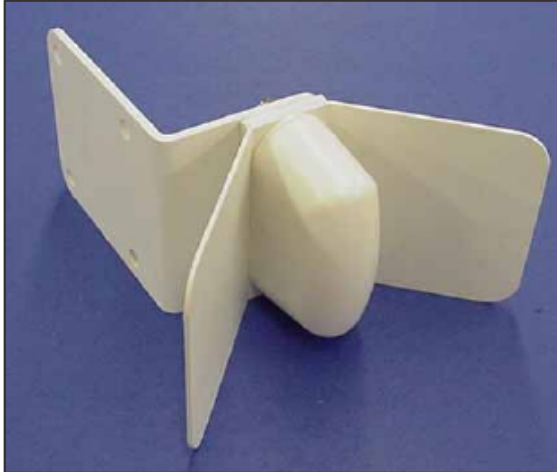


5 GHz Omni Antennas

Model - 029404

Directional Site/Access Point



**SCR14 Directional Corner
Reflector Series**

Benelec SCR Series high frequency antennas are designed for the new microwave systems, including U-NII networking. These advanced designs accommodate high-speed wide band performance.

The Corner Reflector series use a driven half-wave element. A unique balun fed design provides high efficiency without skewing the radiation pattern. The result is excellent bandwidth, gain and match. The directional Corner Reflector design can often provide superior performance to other types of antenna such as Yagi or parabolic. One model covers both of the upper bands (5.72-5.83GHz).

The panels are weather-protected aluminium with white powder-coat finish. The powder coat protection is extremely durable for all outdoor applications. Each reflector wing is only 76mm x 76mm with an overall front face only 140mm wide. The radiating element is protected in a white

- 14dBi Corner Reflector for point to point and multipoint applications
- Small aperture; minimizes windloading
- Split balun feed provides superior bandwidth and gain performance
- Models available for popular 5.2GHz or 5.8GHz bands

ABS radome. The antennas are quite attractive and small for a variety of in-building and outdoor use.

A female N connector exits at the back of the antenna spine. The antenna has an integral mounting bracket. The bracket and the supplied U-bolt kit allow mounting to a standard pole. For special mounting configurations, please consult factory.

<u>Model</u>	<u>Description</u>	<u>Frequency</u>
029404	14dBi Corner Reflector	5.72-5.83GHz

Special configurations are available upon request. Please consult factory for more information.

Specifications

Frequency/Gain: See above
Bandwidth @2:1 SWR: 200MHz or better
Impedance: 50 ohms nominal
Maximum Power: 100 watts
Beamwidth: 60 El, 30 Az
Front-to-Back ratio: 30dB
SCR Series Aperture: 76mm x 140mm front face
SCR Panel Size: 76mm x 76mm

Lightning Protection: External Recommended
Max Wind Velocity: 160 kph, all models
SCR Series Material: Powder coated aluminium
ABS radome
Weight: <0.5kg
Mounting: Pole mount, U-bolt hardware kit included
Connector: N female, at back