The Stub Loaded Helix is a compact helix antenna with performance characteristics similar to a conventional helix but only one-quarter the size. This significant size reduction is obtained through a unique patented antenna geometry that maximized antenna performance and efficiency while minimizing size. The use of circular polarization minimizes multipath interference in many applications.

**Typical Specifications for 2.4 GHz WLAN SLH**
- Frequency: 2.2 – 2.6 GHz
- VSWR: < 2:1
- Typical gain: 10 dBi
- Nominal impedance: 50 ohm
- Size: 3.75” x 3.75” x 6”

**Applications**
- WLAN, 802.11
- Bluetooth
- Satellite communications
- PCS

**Example 2.4 GHz Wireless LAN SLH antenna currently in production**