

WAVEBRIDGE®

by Plaintree Systems



Plaintree's WAVEBRIDGE® technology is designed for SMB, Enterprise, Service Providers, Military and Power Users.

It is the perfect alternative for installing copper or fiber cables, performance of fiber at a fraction of the cost.

WAVEBRIDGE®

The WAVEBRIDGE® product family is Canadian made and supports E1/ T1 (ITU-T G.703), 10 Mbps (10 BaseT, IEEE 802.3), 100 Mbps (100 BaseT 802.3u) and 155 Mbps (OC-3, STM-1) interfaces, making it the wireless networking solution of the next millennium.

100% Eye Safe - Plaintree's FSO units are 100% Class 1 eye safe.

Ease of Installation - Mounted and configured within a couple hours.

Custom Power - With POE, 12VDC, 48VDC or custom solar.

Redundant Back-up - RF or FSO rollover back-up 100 Base-Tx Port.

LED Wide Beam - For sway, wind, ease of alignment and reliable link margins.

Secure - WAVEBRIDGE® is virtually 100% secure LED Infrared beams.

License Free - No license's, right-of-way permits, or frequency allocations costs.

Point-to-Point LAN Extension
Voice, Data and Video
Wi-Fi Hotspot
Cellular Networks
Emergency Communications
Media Events
Coverage Over Obstacles

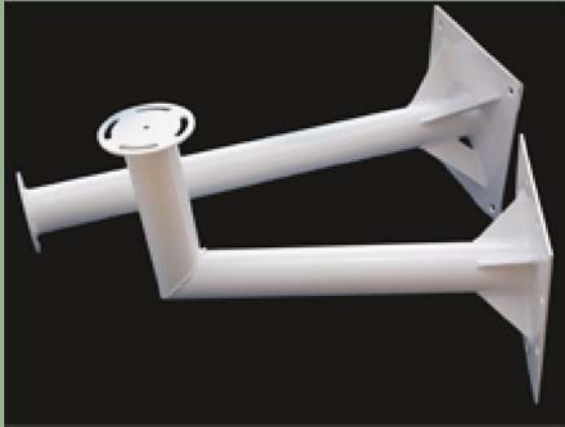
Mounting and Power WAVEBRIDGE FSO Product Line

Plaintree offers mounting options for almost any application. Units have been mounted on walls, towers, rooftops, window sills and even vehicles. Options such as non-penetrating roof trays, steel construction, insure that your investment will remain solid and aligned through the most situations. Plaintree can design custom mounting options for individual customers if they are required. Combined with Plaintree's power options this allows the flexibility of being able to use the WAVEBRIDGE product almost anywhere.

Using optional 48VDC, POE or even solar, the WAVEBRIDGE series can be installed for almost any application that requires a reliable line-of-sight link.

With an IR viewer and two way communication, installation technicians can view the infrared beam, and make adjustments quickly and accurately insuring a properly aligned FSO link.

Secure. Reliable. High Speed.



Roof Mount



Wall & Tower Mount



Non-Penetrating
Roof Tray



Yolk Mounting Kit

POE Injector

Plaintree's POE Injector is a self-contained power injector designed for simple setup and easy use.

- Desktop Style, Single Output
- Regulated Output With Low Ripple
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Enclosure
- Input: 100-250 V~, 50-60Hz, 500mA
- Output: 48 V, 350mA

48VDC Power Supply

Plaintree's WAVEBRIDGE products use an optional power supply for locations not requiring POE

- Desktop Style,
- Regulated Output With Low Ripple
- Complies With EMI/RFI Regulations
- CE Compliant
- Impact Resistant Enclosure
- 100-250 VAC Universal Input
- Single output to 90W



Custom power options are available, including solar, based on customer requirements and local regulations. Plaintree prides itself on state-of-the-art solutions to meet your needs!

Optional Accessories

- SNMP Monitoring
- 120V AC & 240V AC to 48V DC power Convertor
- RJ48c to RG-59 convertor for E1
- Redundant Roll-Over Back-up
- Multiplex T1 and 4x100 Mbps,
- Installers Tool Kit
- On-site Installation
- Rapid Replacement Warranty
- Extended Warranty

WORLD-WIDE SALES & DISTRIBUTION

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