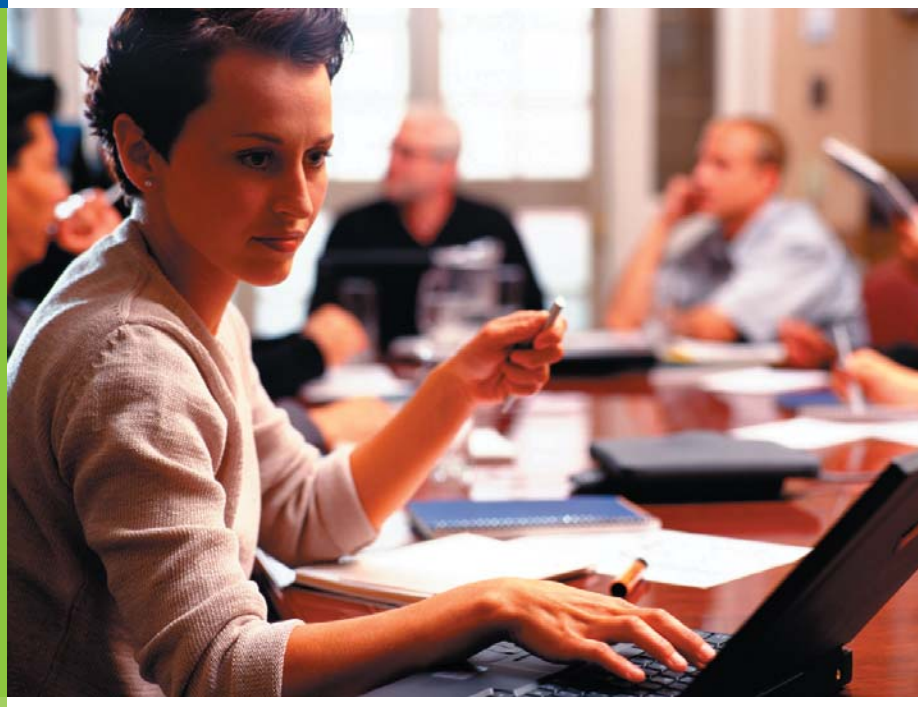
IN-BUILDING SOLUTIONS FIBER OPTICS

Fiber Optic Distributed Antenna System – WLAN – 800 Series



Gain tremendous, measurable productivity with interoperable WLAN

Fiber Optic Distributed Antenna System – WLAN – 800 series enables corporate enterprises to create a Wire It Once infrastructure that can grow to support increased data capacity needs and future services, while minimizing capital and operational costs

Key Benefits
• Reduce investment costs • Deliver measurable productivity and flexibility • Bring tangible ROI through shared Internet access, lower infrastructure and support costs

Main Features	
Compatible with all standards-based 3rd party APs	• Supports 802.11 (a, b and g) • Flexible for up to 4 Access Points per module • Expands coverage area of each AP up to 400% • Up to 8 Remote Units per Base Unit and 4 antennas per Remote Unit
Removes barriers to large-scale WLAN deployment	• Reduced installation and operation costs • Maintenance/upgrades in wiring closet components only • Eliminates frequency planning concerns with WLAN
Interoperable with all other multiple wireless data and voice services	• Modular or stackable attachment • Utilizes same infrastructure (cabling, antennas, chassis) • All antennas support voice services plus Wireless LAN
WLAN Hot-Spots expand easily into the unwired workplace	• Ubiquitous wireless voice and data coverage • WLAN "rides" on broadband network with voice services • Coverage of single AP expanded up to 400% • Bandwidth can be added when and where needed

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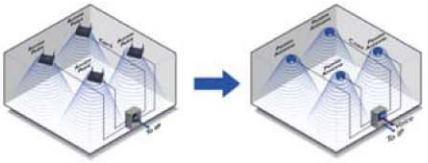
System Overview

Fiber Optic Distributed Antenna System – WLAN consists of two products:

850 Series is designed for customers whose capacity requirements are likely to grow. The unit supports one to four access points (AP). It matches the AP's capacity to the antennas, and is therefore used for applications requiring large bandwidth. It supports WLAN based on the 802.11b, 802.11g and 802.11a standards in the 2.4 GHz and 5.8 GHz bands.



810 Series is designed for customers with defined capacity requirements. It not only supports one access point over a relatively large range but also all WLAN communications based on the 802.11b or 802.11g standards.

Traditional WLAN Deployment vs Fiber Optic Distributed Antenna System – WLAN

Traditional WLAN	Fiber Optic Distributed Antenna System – WLAN
Access Points are deployed on walls or ceilings	All active components of the network are installed and maintained in a secure telecom closet. Only passive components are installed on walls or ceilings in a building.
Constant interruptions	Minimal or no disruption to users when access points are changed, upgraded or maintained

CONSISTEL

SINGAPORE
Consistel (Singapore) Pte. Ltd.
Main +65 6396 7000 Fax +65 6396 0002

THAILAND
Consistel (Thailand) Ltd.
Main +662 937 0388 Fax +662 937 0389

MALAYSIA
Consistel (Malaysia) Sdn. Bhd.
Main +60 3 2162 6889 Fax +60 3 2162 4889

INDONESIA
PT. Consistel Indonesia
Main +62 21 574 9132 Fax +62 21 572 2295

INDIA
Consistel Solutions (India) Private Limited
Main +91 120 395 6620 Fax +91 120 251 7473

HONG KONG
Consistel (Hong Kong) Limited
Main +852 2588 3553 Fax +852 2588 3499

PHILIPPINES
Consistel (Philippines), Inc.
Main +632 910 6193 Fax +632 910 6194

MIDDLE EAST
Consistel (Middle East) FZ-LLC
Main +971 4 367 0330 Fax +971 4390 8618