

# JPLS8880



## 128Mbps HPNA3.0 Switch

HomePNA Management Switch JPLS8880 is Dedicated for Service Providers That would Like to Provide Cost-Effective Broadband Multimedia Services.

Robustness is the Aim for the Design Due to the Nature of HomePNA Technology in the Noisy Environment of Application.

Even in the Environment with Cross-Talk Noise, Robust Design will Enable the Switch to Survive with Acceptable Throughput. The Switch is also a Manageable, Scalable, and Upgradable Solution that Helps Service Providers to Provide Broadband Multimedia Services to the Public at Relatively Low Investment.

JPLS8880 has 14 128Mbps HomePNA Ports, 2 Gigabit Ethernet Ports, and Console Ports. JPLS8880 Provides the Capability of Network Management via the Web.

## Key Features

- 14-Port 128Mbps Connection Comply with HomePNA3.0 Standard
- Two 10/100/1000M Gigabit Ethernet Ports for Expansion or Link to WAN
- Sync Mode Operation to Eliminate Near-End Crosstalk
- Selectable Data Rate for Different Service Classes
- Web Based Network Management Support
- Port Based VLAN Security Support
- IEEE 802.1Q TAG VLAN and IEEE 802.1p Priority Support or Pass Through
- QoS Priority Mapping Support
- IGMP Snooping Support for Multicast Application
- Network Management and Firmware Upgrade via Ethernet or Internet
- 19 inch Rack Mount Design

## Specification:

### Network Management

- Management Locally and Remotely
- Web Based Network Management
- Password for Access Protection
- Data Rate Control of HomePNA Port
- Port Enable/Disable
- F/W Upgradeable
- SNMP Support

### Network Interface

- 128Mbps HomePNA 3.0 Standard Compliant
- ITU-T G.9954 Standard Compliant
- IEEE 802.3 10M Ethernet
- IEEE 802.3u/802.3x 100M Fast Ethernet
- IEEE 802.3ab Gigabit Ethernet
- 10/100/1000Mbps Auto-Negotiation
- Support Auto Crossover for MDI/MDIX
- Support Port-based VLAN and IEEE 802.1Q TAG VLAN
- Support IEEE 802.1p Priority Mapping
- IGMP Snooping Support for Multicast Application

### Connectors

- Ethernet : 2, RJ45, 10/100/1000Mbps
- HomePNA Port : 14 Ports, Two RJ45 per Port, One for HomePNA, Another for Phone-Line Bypass
- Console Port : 8-Pin Mini-DIN Jack

### Indicators

- Power
- HomePNA Link/Activity
- Ethernet Link/Activity

### Terminal Devices

- USB Adapter
- Ethernet/HomePNA Bridge

### Power Requirement

- Internal Switching Power Supply
- Full Range 100-240V AC, 50/60Hz
- Power Consumption < 40 Watts

### EMI/EMC

- Comply with FCC
- Comply with CE

### Safety and Protection

- Comply with UL/cUL and EN-60950
- Lighting Protection Comply with K.21 Environmental Conditions



#### Environmental Conditions

- Operating Temperature : - 5°C ~ 45°C (24°F ~ 114°F)
- Storage Temperature : -10 °C ~ 65 °C (14 °F ~ 149°F)
- Operating Humidity : 10% ~ 95%, Non-Condensing

#### Ordering information

MODEL	DESCRIPTION
JPLS8880	128Mbps HPNA3.0 Switch

