

SilverNet FDD 802G-30-PCP Network bridge 2000 Mbit/s White

Brand : SilverNet

Product code: SIL FDD 802G-30-PCP

Product name : FDD 802G-30-PCP

- Point-to-Point Up to 2KM
- Up to 2Gbps throughput
- Channel bandwidth from 250 to 1.000 MHz
- 4/16/64 QAM Modulation schemes
- Adaptive Coding and Modulation
- Power Over Ethernet
- Gigabit Ethernet or STM-1 interfaces
- Layer1,2,3,4 Header Compression (upto + 200% throughput increase)
- "Fiber Mode" operation for 2x Gigabit Ethernet transparent wire speed connections
- Packet Fragmentation to minimize latency
- MEF Carrier Ethernet Services
- WRED support for congestion avoidance
- Flexible QoS definition based on VLAN, IPv4, IPv6, MPLS exp bits
- VLAN management and rewrite
- Jumbo Frames up to 10Kbytes

SIL FDD 802G-30-PCP, 80GHz 2Gbps FDD 30cm Antenna



| Data transmission | | Features | |
|-------------------------------|---|------------------------------------|--|
| Maximum data transfer rate * | 2000 Mbit/s | Network Time Protocol (NTP) client | ✓ |
| Maximum transfer distance | 2000 m | Flow control support | ✓ |
| Antenna | | RMON Statistics | ✓ |
| Antenna design | External | Link Loss Forwarding (LLF) | ✓ |
| Antennas quantity | 2 | Link aggregation | ✓ |
| Wireless LAN features | | System requirements | |
| WLAN data transfer rate (max) | 2000 Mbit/s | Minimum system requirements | Web Browser |
| Frequency band | 80GHz (71 - 76GHz, 81 - 86GHz) | Compatible operating systems | Microsoft Windows, Mac OS, Linux Distributions |
| Modulation | 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM | Power | |
| Receiver sensitivity | See Datasheet | Power source type | PoE |
| Output power (dBm) | See Datasheet | AC input voltage | 100-240 V |
| Frequency stability | 5 ppm | Power consumption (typical) | 32 W |
| Outdoor range | 2000m | Power consumption (max) | 53 W |
| Network | | Power over Ethernet (PoE) | ✓ |
| Ethernet LAN | ✓ | Power over Ethernet (PoE) voltage | 55 V |
| Ethernet LAN interface type | Gigabit Ethernet | Power plug type | Type G |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Operational conditions | |
| Networking standards | IEEE 1588v2, IEEE 802.1ad, IEEE 802.1ag, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x | Operating temperature (T-T) | -35 - 55 °C |
| Cabling technology | 10/100/1000Base-T(X) | Certificates | |
| Full duplex | ✓ | Certification | ETSI EN 302 217 / FCC CFR 47, Part 101 and Part 15 |
| Auto MDI/MDI-X | ✓ | Weight & dimensions | |
| Static IP | ✓ | Antenna diameter | 30 cm |
| Dynamic IP | ✓ | Width | 290 mm |
| Ports & interfaces | | Depth | 302.5 mm |
| Connectivity technology | Wired & Wireless | Height | 117.6 mm |
| Ethernet LAN (RJ-45) ports | 2 | Weight | 12.5 kg |
| Security | | Packaging content | |
| Security algorithms | 256-bit AES | Grounding | ✓ |
| MAC address filtering | ✓ | PoE+ Injector(s) | ✓ |
| Access Control List (ACL) | ✓ | Mounting bracket(s) included | ✓ |
| | | Power supply included | ✓ |
| | | Cables included | LAN (RJ-45) |

| Management features | | Packaging content | |
|---|---|--------------------------|-----------|
| Management protocols | SNMP v1/v2c/v3, HTTPs, SSH, SFTP, RADIUS, | Antenna included | ✓ |
| Web-based management | ✓ | Manual | ✓ |
| | | Quick installation guide | ✓ |
| Features | | Other features | |
| Product type * | Network bridge | Warranty period | 2 year(s) |
| Mounting type | Pole/Wall | Packaging data | |
| Product colour | White | Package width | 400 mm |
| LED indicators | LAN, Power | Package depth | 400 mm |
| Power LED | ✓ | Package height | 500 mm |
| Real-Time Parameter Control (RTPC) | ✓ | Package weight | 1.55 kg |
| Automatic Transmit Power Control (ATPC) | ✓ | Package type | Box |
| International Protection (IP) code | IP65 | Quantity per pack | 2 pc(s) |
| Surge protection | ✓ | Logistics data | |
| Quality of Service (QoS) support | ✓ | UK Trade Tariff code | 85176200 |



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