

SilverNet FDD 801G-30-PCP Network bridge 1000 Mbit/s White

Brand : SilverNet

Product code: SIL FDD 801G-30-PCP

Product name : FDD 801G-30-PCP

- Point-to-Point Up to 2KM
 - Up to 1 Gbps 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
- 80 GHz, 1 Gbps 30 cm Dish full duplex capacity link, up to 2 km



Data transmission		Features	
Maximum data transfer rate *	1000 Mbit/s	Quality of Service (QoS) support	✓
Maximum transfer distance	2000 m	Network Time Protocol (NTP) client	✓
Antenna		Flow control support	✓
Antenna design	External	RMON Statistics	✓
Antennas quantity	2	Link Loss Forwarding (LLF)	✓
Wireless LAN features		Link aggregation	✓
WLAN data transfer rate (max)	1000 Mbit/s	Power	
Frequency band	80GHz (71 - 76GHz, 81 - 86GHz)	Power source type	PoE
Modulation	8-QAM, 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM, BPSK	AC input voltage	100-240 V
Receiver sensitivity	See Datasheet	Power consumption (typical)	32 W
Output power (dBm)	See Datasheet	Power consumption (max)	53 W
Frequency stability	5 ppm	Power over Ethernet (PoE)	✓
Outdoor range	2000	Power over Ethernet (PoE) voltage	55 V
Network		Power plug type	Type G
Ethernet LAN	✓	Operational conditions	
Ethernet LAN interface type	Gigabit Ethernet	Operating temperature (T-T)	-35 - 55 °C
Ethernet LAN data rates	10,100,1000 Mbit/s	Certificates	
Networking standards	IEEE 1588v2, IEEE 802.1ad, IEEE 802.1ag, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x	Certification	ETSI EN 302 217 / FCC CFR 47, Part 101 and Part 15
Cabling technology	10/100/1000Base-T(X)	Weight & dimensions	
Full duplex	✓	Antenna diameter	30 cm
Auto MDI/MDI-X	✓	Width	290 mm
Static IP	✓	Depth	302.5 mm
Dynamic IP	✓	Height	117.6 mm
Ports & interfaces		Weight	12.5 kg
Connectivity technology	Wired & Wireless	Packaging content	
Ethernet LAN (RJ-45) ports	2	Grounding	✓
Security		PoE+ Injector(s)	✓
Security algorithms	128-bit AES, 256-bit AES	Mounting bracket(s) included	✓

Security		Packaging content	
MAC address filtering	✓	Power supply included	✓
Access Control List (ACL)	✓	Cables included	LAN (RJ-45)
Management features		Antenna included	✓
Management protocols	SNMP v1/v2c/v3, HTTPs, SSH, SFTP, RADIUS,	Manual	✓
Web-based management	✓	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
Power LED	✓	Package depth	400 mm
Real-Time Parameter Control (RTPC)	✓	Package height	500 mm
Automatic Transmit Power Control (ATPC)	✓	Package weight	1.55 kg
International Protection (IP) code	IP65	Package type	Box
Surge protection	✓	Quantity per pack	1 pc(s)
		Logistics data	
		UK Trade Tariff code	85176200



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