

## SilverNet FDD 8010G-30-PCP Network bridge 10000 Mbit/s White

**Brand :** SilverNet

**Product code:** SIL FDD 8010G-30-PCP

**Product name :** FDD 8010G-30-PCP

- Point-to-Point Up to 2KM
  - Up to 10 Gbps throughput
  - Channel bandwidth from 250 to 1.000 MHz
  - 4/16/64 QAM Modulation schemes
  - Adaptive Coding and Modulation
  - Power Over Ethernet
  - 10Gbps optical interface
  - Layer1,2,3,4 Header Compression (upto + 200% throughput increase)
  - 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, 10 Gbps 30 cm Dish full duplex capacity link, up to 2 km



Data transmission		Features	
Maximum data transfer rate *	10000 Mbit/s	International Protection (IP) code	IP67
Maximum transfer distance	2000 m	Surge protection	✓
Antenna		Quality of Service (QoS) support	✓
Antenna design	External	Network Time Protocol (NTP) client	✓
Antennas quantity	2	Flow control support	✓
Wireless LAN features		RMON Statistics	✓
WLAN data transfer rate (max)	10000 Mbit/s	Link Loss Forwarding (LLF)	✓
Frequency band	80GHz (71 - 76GHz, 81 - 86GHz)	Link aggregation	✓
Modulation	8-QAM, 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM, BPSK	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)	60 W
Outdoor range	2000	Power consumption (max)	60 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	✓	Weight	12.5 kg
Point-to-point protocol over Ethernet (PPPoE)	✓	Packaging content	
Ports & interfaces		Grounding	✓
Connectivity technology	Wired & Wireless	PoE+ Injector(s)	✓
Ethernet LAN (RJ-45) ports	4	Mounting bracket(s) included	✓
		Power supply included	✓

<b>Security</b>		<b>Packaging content</b>	
Security algorithms	128-bit AES, 256-bit AES	Cables included	LAN (RJ-45)
MAC address filtering	✓	Antenna included	✓
Access Control List (ACL)	✓	Manual	✓
<b>Management features</b>		Quick installation guide	✓
Management protocols	SNMP v1/v2c/v3, HTTPs, SSH, SFTP, RADIUS,	<b>Other features</b>	
Web-based management	✓	Warranty period	2 year(s)
<b>Features</b>		<b>Packaging data</b>	
Product type *	Network bridge	Package width	400 mm
Mounting type	Pole/Wall	Package depth	400 mm
Product colour	White	Package height	500 mm
Power LED	✓	Package weight	1.55 kg
Real-Time Parameter Control (RTPC)	✓	Package type	Box
Automatic Transmit Power Control (ATPC)	✓	Quantity per pack	1 pc(s)
		<b>Logistics data</b>	
		UK Trade Tariff code	85176200



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