

## SilverNet SIL FDD 805G-60-PCP bridge/repeater Network bridge 5000 Mbit/s White

**Brand :** SilverNet

**Product code:** SIL FDD 805G-60-PCP

**Product name :** SIL FDD 805G-60-PCP

- Point-to-Point Up to 5KM
  - Up to 5Gbps throughput
  - Channel bandwidth from 250 to 2000 MHz
  - 4/16/32/64/128/256 QAM Modulation schemes
  - Adaptive Coding and Modulation
  - Power Over Ethernet
  - 2.5Gbps optical interface
  - Layer 1,2,3,4 Header Compression (up to + 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, 5 Gbps 60 cm Dish full duplex capacity link, up to 5 km



<b>Data transmission</b>		<b>Features</b>	
Maximum data transfer rate *	5000 Mbit/s	Network Time Protocol (NTP) client	✓
Maximum transfer distance	5000 m	Flow control support	✓
<b>Antenna</b>		RMON Statistics	✓
Antenna design	External	Link Loss Forwarding (LLF)	✓
Antennas quantity	1	Link aggregation	✓
<b>Wireless LAN features</b>		<b>System requirements</b>	
WLAN data transfer rate (max)	10000 Mbit/s	Minimum system requirements	Internet Explorer, Microsoft Edge, Google Chrome, Mozilla Firefox
Frequency band	80GHz (71 - 76GHz, 81 - 86GHz)	Compatible operating systems	Microsoft Windows, Mac OS, Linux Distributions
Modulation	8-QAM, 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM, BPSK	<b>Power</b>	
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	5000	Power consumption (max)	53 W
<b>Network</b>		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	<b>Operational conditions</b>	
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)	<b>Certificates</b>	
Full duplex	✓	Certification	ETSI EN 302 217 / FCC CFR 47, Part 101 and Part 15
Auto MDI/MDI-X	✓	<b>Weight &amp; dimensions</b>	
Static IP	✓	Antenna diameter	60 cm
Dynamic IP	✓	Weight	15.5 kg
<b>Ports &amp; interfaces</b>		<b>Packaging content</b>	
Connectivity technology	Wired & Wireless	Grounding	✓
Ethernet LAN (RJ-45) ports	4	PoE+ Injector(s)	✓
<b>Security</b>		Mounting bracket(s) included	✓
Security algorithms	128-bit AES, 256-bit AES		

<b>Security</b>		<b>Packaging content</b>	
MAC address filtering	✓	Power supply included	✓
Access Control List (ACL)	✓	Cables included	LAN (RJ-45)
<b>Management features</b>		Antenna included	✓
Management protocols	SNMP v1/v2c/v3, HTTPs, SSH, SFTP, RADIUS,	Manual	✓
Web-based management	✓	Quick installation guide	✓
<b>Features</b>		<b>Other features</b>	
Product type *	Network bridge	Warranty period	2 year(s)
Mounting type	Pole/Wall	<b>Packaging data</b>	
Product colour	White	Package width	700 mm
Power LED	✓	Package depth	700 mm
Real-Time Parameter Control (RTPC)	✓	Package height	500 mm
Automatic Transmit Power Control (ATPC)	✓	Package weight	18.5 kg
International Protection (IP) code	IP67	Package type	Box
Surge protection	✓	Quantity per pack	1 pc(s)
Quality of Service (QoS) support	✓	<b>Logistics data</b>	
		UK Trade Tariff code	85176200



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