

SilverNet U2490-PCP Network bridge 500 Mbit/s White

Brand : SilverNet

Product code: SIL U2490-PCP

Product name : U2490-PCP

24 GHz, 500 Mbps 90 cm Dish full duplex capacity link, up to 20 km

[SilverNet U2490-PCP Network bridge 500 Mbit/s White:](#)

The SIL U2490-PCP is an outdoor, Full IP microwave radio operating in the UK and European 24GHz unlicensed band. It offers a 500Mbps full duplex link, reaching distances up to 20km, and includes 90cm antennas with a 2-year warranty. This unlicensed Backhaul link integrates seamlessly with 3G, 4G, and LTE nodes, making it ideal for a swift and adaptable transition to full IP networks. It boasts the highest radio capacity and performance, advanced Ethernet features, and comprehensive synchronisation management with SyncE and 1588v2, positioning the 24GHz Backhaul links as cutting-edge IP radios that form the backbone of a state-of-the-art network.

Data transmission		Features	
Maximum data transfer rate *	500 Mbit/s	VoIP	✓
Maximum transfer distance	20000 m	International Protection (IP) code	IP65
Antenna		Quality of Service (QoS) support	✓
Antenna design	External	Flow control support	✓
Antennas quantity	2	RMON Statistics	✓
Wireless LAN features		Link Loss Forwarding (LLF)	✓
Frequency band	24 GHz	Link aggregation	✓
Modulation	16-QAM, 32-QAM, 64-QAM, 128-QAM, 512-QAM, 1024-QAM	Power	
Receiver sensitivity	4 QAM (-88) 16 QAM (-81) 32 QAM (-76.5) 64 QAM (-73.5) 128 QAM (-70.5) 256 QAM (-67) 512 QAM (-67.5) 1024 QAM (-60.5)	Power source type	PoE
Output power (dBm)	4 QAM (+21) 16 QAM (+19) 32 QAM (+17) 64 QAM (+17) 128 QAM (+17) 256 QAM (+17) 512 QAM (+17) 1024 QAM (+16)	Power consumption (max)	35 W
Frequency stability	5 ppm	Power over Ethernet (PoE)	✓
Network		Power over Ethernet (PoE) voltage	48 V
Ethernet LAN	✓	Operational conditions	
Ethernet LAN interface type	Gigabit Ethernet	Operating temperature (T-T)	-35 - 55 °C
Ethernet LAN data rates	1000 Mbit/s	Certificates	
Networking standards	IEEE 802.11ad, IEEE 802.1p, IEEE 802.3ad, IEEE 802.3x	Certification	ETSI, FCC
Full duplex	✓	Weight & dimensions	
Static IP	✓	Antenna diameter	90 cm
Ports & interfaces		Width	254 mm
Connectivity technology	Wired & Wireless	Depth	154 mm
Ethernet LAN (RJ-45) ports	2	Height	254 mm
Power over Ethernet plus (PoE+) ports quantity	1	Packaging content	
I/O ports	2x GE electrical	Grounding	✓
Management features		PoE+ Injector(s)	✓
Management platform	Web GUI, In Band management, SilverView NMS	Mounting bracket(s) included	✓
Web-based management	✓	Power supply included	✓
Features		Antenna included	✓
Product type *	Network bridge	Quick installation guide	✓
Product colour	White	Packaging data	
Remote control function	✓	Package width	1000 mm
		Package depth	1000 mm
		Package height	500 mm
		Package weight	21.5 kg
		Package type	Box
		Quantity per pack	2 pc(s)

Features	Logistics data
Power LED ✓	UK Trade Tariff code 85176200
Real-Time Parameter Control (RTPC) ✓	
Automatic Transmit Power Control (ATPC) ✓	



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