LDF 5

The LDF (Lite dish feed) is an outdoor wireless system with a built in antenna, meant to be installed on satellite offset dish antennas. The dish will act as a reflector, amplifying the signal.

This means you can use any available satellite TV dish with an offset mount to quickly deploy powerful long range wireless links. The offset mount is universal at 40 mm diameter, and the LDF can easily be placed inside it. Since the LDF itself is a tiny little package, it makes shipping and deployment simple and low cost.





Dish is not included.

Using a dish of up to 100 cm in diameter, it is possible to obtain antenna amplification of up to 33 dBi. The device comes preinstalled with RouterOS and is ready to use.



24 V 0.38 A adapter



PoE injector



Specifications

Product code	RBLDF-5nD (International) RBLDF-5nD-US (USA)
CPU	AR9344 600 MHz
Memory	64 MB
Storage type	Flash
Storage size	16 MB
Ethernet	One 10/100 Mbit/s Fast Ethernet port with Auto-MDI/X
Wireless	AR9344, wireless built-in 5 GHz 802.11a/n, dual chain
Wireless regulations	Specific frequency range can be limited by country regulations
Frequency range	International: 5150 MHz-5875 MHz USA: 5170-5250 MHz; 5725-5835 MHz
Power options	Passive PoE input 10-28 V
Consumption	6 W
Internal antenna gain	9 dBi
Antenna beam width	60°
Dimensions	84mm x 84mm x 115mm
Operating temperature	-40°C .. +70°C tested
LEDs	8x LEDs (6x user LEDs)
License level	3
Operating system	RouterOS

Wireless specifications

Rate	Tx	Rx
6MBit/s	25	-96
54MBit/s	20	-80
MCS0	25	-96
MCS7	19	-75