

LDF 2

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 large enough dishes, it is possible to obtain antenna amplification of 30 dBi or more. All it takes is to find a spare satellite dish with an offset mount, and put your LDF device. The device comes preinstalled with RouterOS and is ready to use.



24 V 0.38 A adapter



PoE injector

Specifications

Product code	RBLDF-2nD
CPU	QCA9533 650 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	QCA9533, wireless built-in 2.4 GHz 802.11b/g/n, dual chain
Wireless regulations	Specific frequency range can be limited by country regulations
Frequency range	2412 - 2484 MHz
Power options	Passive PoE input 10-28 V
Consumption	7 W
Internal antenna gain	10 dBi
Antenna beam width	60°
Dimensions	84mm x 84mm x 115mm
Operating temperature	-40°C .. +70°C tested
LEDs	8x LEDs (7x user LEDs)
License level	3
Operating system	RouterOS

Wireless specifications

Rate	Tx	Rx
1MBit/s	26	-100
11MBit/s	26	-93
6MBit/s	28	-94
54MBit/s	24	-78
MCS0	28	-94
MCS7	23	-75