

LDF LTE6 kit

This outdoor wireless system with a built-in antenna can provide a connection even in the most remote locations. Tiny, powerful, can be used with any satellite TV dish with an offset mount.



Can be used with a standard offset satellite dish (not included!)

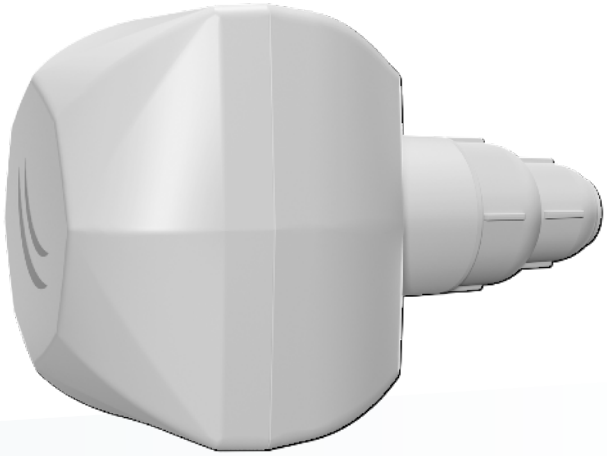
LDF LTE6 kit is a device for extremely remote locations that are within cellular network coverage. Attach it to any satellite TV dish, and the dish will act as a reflector, greatly amplifying the signal.

Using large enough dishes, it is possible to obtain antenna amplification of 30 dBi or more. That means – Internet connectivity is possible even in areas, where you would usually have no mobile connectivity at all. Stormy weather is not a problem either – with a solid IP68 rating LDF LTE6 kit can withstand dust, dirt and sand, as well as temporary immersion in water.

Since the LDF is a tiny little package, it makes shipping and deployment fast, simple and low cost.

LDF LTE6 kit features a CAT6 LTE modem, which enables carrier aggregation and allows the device to use multiple bands at the same time. A huge advantage when there are a lot of LTE users in the area. It provides better responsiveness and higher efficiency for weaker signal situations in the countryside. We have seen Internet speed doubling in rural areas after switching to CAT6.

Choose LDF LTE6 kit and stay connected no matter where you are!



Specifications

Product code	RBLDFR&R11e-LTE6
CPU	QCA9531
Memory	64 MB
Storage size	16 MB Flash
Number of 100M Ethernet ports	1
MiniPCIe slots	1
LTE category	6 (300Mbit/s Downlink, 50Mbit/s Uplink)
3G category	R7 (21Mbps Downlinks, 5.76Mbps Uplink) R8 (42.2Mbps Downlink, 5.76Mbps Uplink)
2G category	Class12
Power options	Passive PoE input 802.3 af/at, 12-57 V
Max power consumption	6 W
Internal antenna gain	8 dBi
Antenna beam width	66°
Operating temperature	-30°C to +60°C
Dimensions	94 x 94 x 150 mm

Certification & Approvals

Certification	CE, FCC, IC
Ingress Protection	IP68

Supported bands

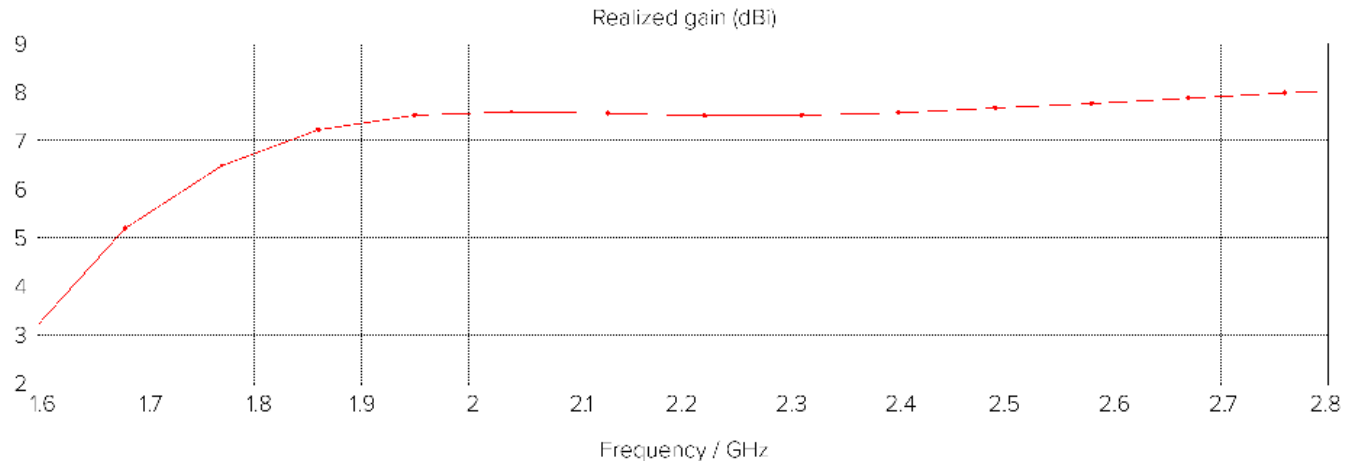
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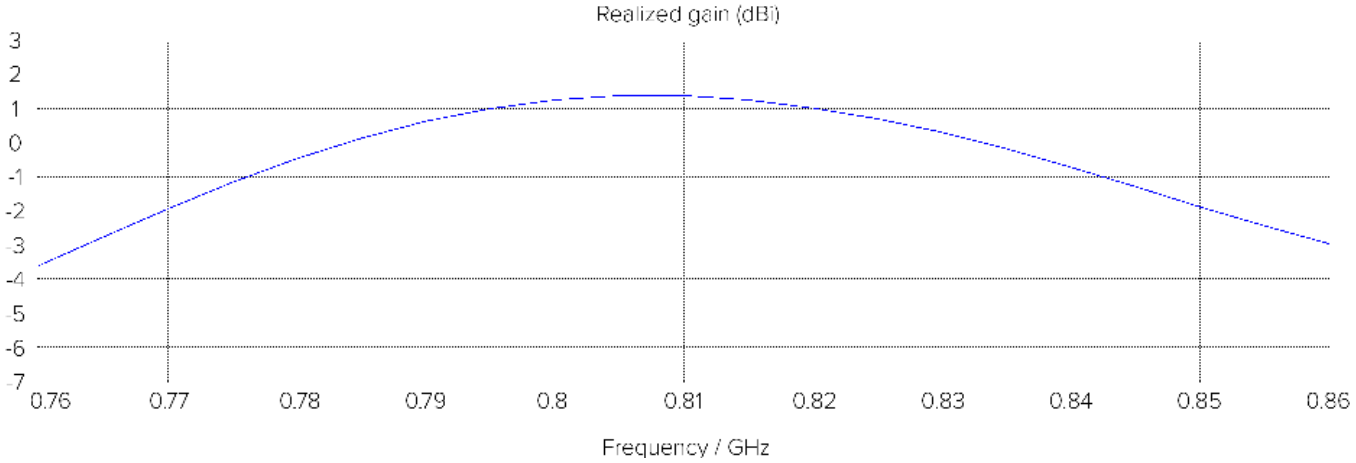
LTE (FDD) bands	1(2100)/2(1900)/3(1800)/5(850)/7(2600)/8(900)/12(700)/17(700)/20(800)/25(1900)/26(850)
LTE (TDD) bands	38(2600)/39(1900)/40(2300)/41n(2500)
3G bands	1(2100)/2(1900)/5(850)/8(900)
2G bands	2(1900)/3(1800)/5(850)/8(900)

Supported 2xCA LTE bands

1+1/5/8/20	2+2/5/12/17	3+3/5/7/8/20	7+7/8/12/20	8+8
12+12	38+38	39+39/41	40+40	41+41

Antenna gain patterns





Included parts



Power adapter



PoE injector