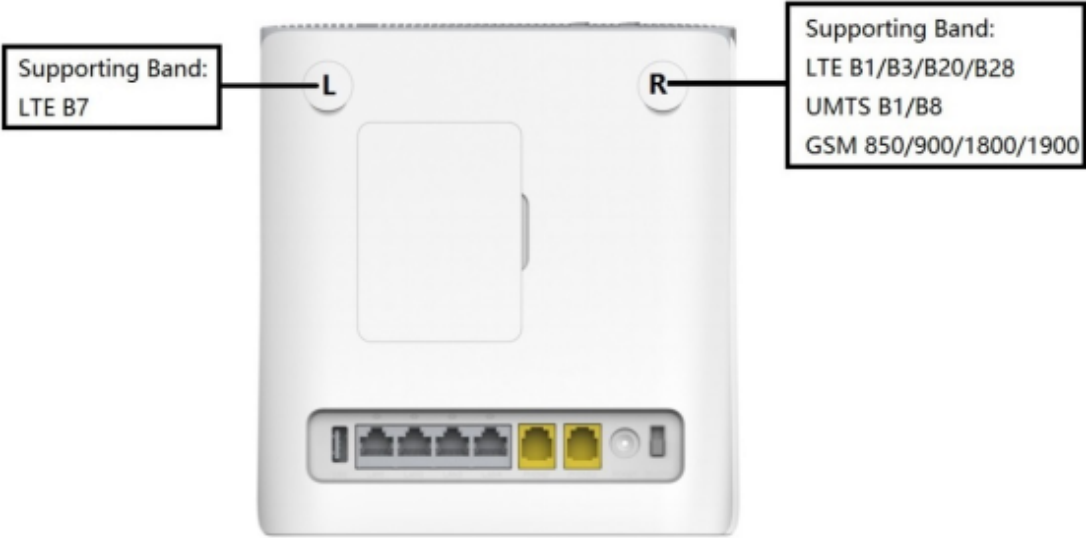




< External Antenna

MF286 external antenna. The left port supports LTE band 7 and the right one supports the other worki



Port	Supporting Band	Frequency Range
L	LTE B7	2500-2690MHz
R	LTE B1	1920-2170MHz
	LTE B3	1710-1880MHz
	LTE B8	880-960MHz
	LTE B20	791-832MHz
	LTE B28	703-803MHz
	UMTS B1	1920-2170MHz
	UMTS B8	880-960MHz
	GSM 850	824-894MHz
	GSM 900	880-960MHz
	GSM 1800	1710-1880MHz
	GSM 1900	1850-1990MHz

Please check coverage frequency bands and choose the correct port. You can check the frequency ba page.



### Outdoor antenna with 2 connect ports

If both of antenna ports support full frequency band of MF286, either port can be connected.

If each antenna port supports different frequency band, you will need to follow the instruction to connect back shell, the left antenna port supports band 7, please connect the port with suitable antenna which band 7. The right port supports other bands than band 7, please select suitable antenna for connection. If carrier aggregation (CA) is supported in your area, we highly recommend you to use 2 external antennas.

### Outdoor antenna with 1 connect port

If the outdoor antenna has only one connect port, you need to know which frequency band you have checked in the device management UI (dna.mokkula/), then you can choose which port to connect.

If you connect the antenna port in the left port (high frequency) of CPE, signal receiving ability of the left port and receiving ability of others bands (middle & low frequency) is not affected. If you connect the antenna port in the right port (low frequency) of CPE, signal receiving ability of all the supporting work bands will be enhanced, except for the left port, its receiving ability is not affected.

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