

Products Affected:

5990/5991/5994/5995 Multiverse® Radio Modules
5910/5911/5912 Multiverse Transmitters
5900 Multiverse Show Baby
5902/5903/5904/5905 Multiverse Studio and Node
5905/5906 Multiverse Receiver Cards
5916/5917/5942 Multiverse QolorFLEX dimmers

Overview:

The below table lists all the approved antenna that can be used on Multiverse products and radio modules for OEM integration.

Details:

Multiverse products have been designed to operate with the antennas listed in Table 1 below. Antennas not included in this list are strictly prohibited for use with these products.

The end user must select the appropriate antenna in the products settings when using Panel or Yagi antennas.

Multiverse products can be configured ONLY with any one of the approved antennas listed in Table 1 for fixed, point-to-point (one transmitter and one receiver) configuration. When a multiverse product is configured for point-to-multipoint (one transmitter and multiple receivers, receivers talk to transmitter only one at a time) configuration, the receiver can use any of the approved antennas, the transmitter can use any approved antenna listed in Table 1 except ID5 and ID9 Yagi directional antennas.

When antennas ID4 and ID8 are used, the user must be select "Panel" antenna mode in product settings.

When antennas ID5 and ID9 are used, the user must be select "Yagi" antenna mode in product settings.

Table 1: Approved Antennas

ID	Manufacture	CTI P/N	Model	Type	Connector	Gain (dBi)	Freq. Hz
1	Nearson		S141AH-2450	Omni Whip	RP-SMA	2	2.4G
2	TekFun	5729	M35-SR	Omni Whip Tilt	RP-SMA	2	2.4G
3	TekFun	5980	JM10-SR	Omni Whip Tilt	RP-SMA	2/3	900M/2.4G
4	TekFun	5633	PL-M24-08X	Panel	N Female	8	2.4G
5	TekFun	5636	YG-M04-14X	Yagi	N Female	14	2.4G
6	Microchip		TRF1001	Omni Whip	U.FL on 150mm cable	2	2.4G
7	Nearson		SPCB07257-08925	Omni Whip	U.FL on 150mm cable	2	2.4G
8	Tekfun	5981	PL-W26-08M	Panel	N Female	6.5/8.5	900M/2.4G
9	Tekfun	5982	LP-W28-110	Yagi	N Female	11	900M/2.4G
10	Tekfun	5984	JM75-SSR	Omni	RP-SMA	1/3	900M/2.4G
11	Tekfun		M001-FL	Omni	U.FL on 30mm cable	0	2.4G
12	Tekfun		M001-S2	Omni	RP-SMA	0	2.4G
13	Tekfun		M54-SSR	Omni	RP-SMA	1.5	2.4G
14	Antari		W-ANT	Omni	U.FL wip	2.8	2.4GHz
15	Norminson		NW001	Omni	RP-SMA	2.5	2.4GHz