Antenna Type	Manufacturer	Model Number	Mid-band Gain (dBi)
1 Foot Flat Panel	Gabriel	DFPD1-52	23.5
	Andrew	FPA5250D12-N	23.6
2 Foot Flat Panel	Gabriel	DFPD2-52	28
	Andrew	FPA5250D24-N	28.2
2 Foot Parabolic	Gabriel	SSP2-52B	28.5
	Gabriel	SSD2-52A	28.4
	Gabriel	HSSP2-52	28.1
	Radio Waves	SP2-5.2	28.3
	Radio Waves	SPD2-5.2	28.1
	Andrew	P2F-52	29.4
	Andrew	PX2F-52	29.4
3 Foot Parabolic	Radio Waves	SP3-5.2	31.4
	Radio Waves	SPD3-5.2	31.1
	Andrew	P3F-52	33.4
	Andrew	PX3F-52	33.4
4 Foot Parabolic	Gabriel	SSP4-52A	34.2
	Gabriel	SSD4-52	34.1
	Gabriel	HSSP4-52	33.9
	Radio Waves	SP4-5.2	34.6
	Radio Waves	SPD4-5.2	34.4
6 Foot Parabolic	Gabriel	SSP6-52A	37.5
	Gabriel	SSD6-52	37.4
	Gabriel	HSSP6-52	37.2
	Radio Waves	SP6-5.2	37.7
	Radio Waves	SPD6-5.2	37.5
8 Foot Parabolic	Gabriel	SSP8-52	39.8
	Gabriel	SSD8-52	39.7
	Gabriel	HSSP8-52	39.6

Feeder Loss Type	Manufacturer	Model Number	Loss/100'	Notes
1/2" foam coax	Andrew	LDF 4-50	6.6 dB	add ~0.25 dB per connector
5/8" foam coax	Andrew	LDF 4.5-50	4.7 dB	add ~0.25 dB per connector
Waveguide	Andrew	EW-52	1.2 dB	does not include transitions

Formula for determining maximum output power setting for 5.25-5.35 GHz U-NII (LE-LAN) Transmitters (@ EIRP=30dBm):

Max Tx (dBm) is the lesser of 23dBm and 30 - G + FL

where: G = Antenna Gain

FL = Feeder Loss including connectors

Note:

All Western Multiplex radios require professional installation.

Antennas with gain less than 23.5 dBi are not allowed

Antennas of other make may be used with the HZB-U53-45 device, but must be of the same type, dimensions and gain as those listed