

Antenna Information

Device Model Name: A20-TX

Device Model Number: 9808

Manufacturer: Sound Devices, LLC

The A20-TX wireless microphone transmitter uses an external detachable 1/4-wave whip antenna, which fixes to the transmitter body via standard SMA connector. The antenna is pre-cut to a length L according to the frequency band of operation as shown in Table 1. The maximum permissible gain for each antenna length is also shown.

Table 1

Sound Devices Part No.	Frequency Band [MHz]	L [mm]	L [inches]	Max. Gain [dBi]
9162.001	470 - 548	140	5.51	+2.15
11225.000	548 - 608 614 - 616 653 - 657 657 - 663	120	4.72	+2.66
28255.000	902 - 928 941.5 - 952 953 - 959.85 (CA only) 952.85 - 956.25 (USA only) 956.45 - 959.85 (USA only)	74	2.91	+3.47
28257.000	1435 - 1525	49	1.93	+2.15
29429.000	169 - 172 174 - 216	432	17.0	+2.15

The antennas listed in Table 1 have identical construction except for the cut wire length.