

# GP-32 DIPOLE ANTENNA

## Progressive Concepts

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[www.progressive-concepts.com](http://www.progressive-concepts.com)

The GP-32 is an omnidirectional dipole antenna that was designed for indoor broadcast applications. The GP-32 can be used all over the FM band (88 to 108Mhz) and still assure a perfect impedance matching with any type of FM transmitter due to the fact that the rods can be extended or collapsed in a manner to tailor the length of each rod for perfect match-

ing. It is possible to install the antenna either in horizontal or vertical position, allowing ease of installation in restricted areas. The fixed bracket allows the user to fasten the antenna to different types of stands or permanently fix it to a wall with screws. The GP-32 is equipped with a standard female UHF connector for reliable coax cable connection.

### Length adjustment of the GP-32 (dipole)

Freq. MHz	Whip Length (inch)	G.P Length (inch)
87.9	35	33
88.1	35	33
88.3	35	33
88.5	35	33
88.7	35	33
88.9	35	33
89.1	35	33
89.3	35	33
89.5	35	32½
89.7	35	32½
89.9	35	32½
90.1	35	32
90.3	35	32
90.5	35	32
90.7	35	32
90.9	34½	31½
91.1	34½	31½
91.3	34	31
91.5	34	30½
91.7	33½	30½
91.9	33	30
92.1	33	30
92.3	33	30
92.5	32½	29½
92.7	32½	29½
92.9	32	29½
93.1	32	29½
93.3	32	29½
93.5	32	29
93.7	32	29
93.9	32	29
94.1	31½	29
94.3	31½	29
94.5	31½	29
94.7	31½	29

Freq. MHz	Whip Length (inch)	G.P Length (inch)
94.9	31	29
95.1	31	29
95.3	31	29
95.5	31	29
95.7	31	29
95.9	31	29
96.1	30½	29
96.3	30½	29
96.5	30½	29
96.7	30½	29
96.9	30½	28½
97.1	30	28½
97.3	30	28½
97.5	30	28½
97.7	30	28½
97.9	30	28
98.1	30	28
98.3	30	28
98.5	29½	27½
98.7	29½	27½
98.9	29½	27½
99.1	29½	27
99.3	29½	27
99.5	29	27
99.7	29	26½
99.9	29	26½
100.1	29	26½
100.3	29	26½
100.5	29	26½
100.7	28½	26½
100.9	28½	26½
101.1	28½	26½
101.3	28½	26½
101.5	28½	26¼
101.7	28	26¼

Freq. MHz	Whip Length (inch)	G.P Length (inch)
101.9	28	26¼
102.1	28	26¼
102.3	28	26¼
102.5	28	26¼
102.7	28	26¼
102.9	28	26
103.1	28	26
103.3	27½	26
103.5	27½	26
103.7	27½	26
103.9	27½	26
104.1	27½	26
104.3	27½	26
104.5	27	26
104.7	27	26
104.9	27	26
105.1	27	26
105.3	27	26
105.5	27	26
105.7	27	25¾
105.9	27	25¾
106.1	26½	25¾
106.3	26½	25½
106.5	26½	25½
106.7	26½	25½
106.9	26½	25¼
107.1	26½	25¼
107.3	26	25¼
107.5	26	25
107.7	26	25
107.9	26	25

**Whip length = Transmitting Whip**

**G.P. length = Ground plane whip**