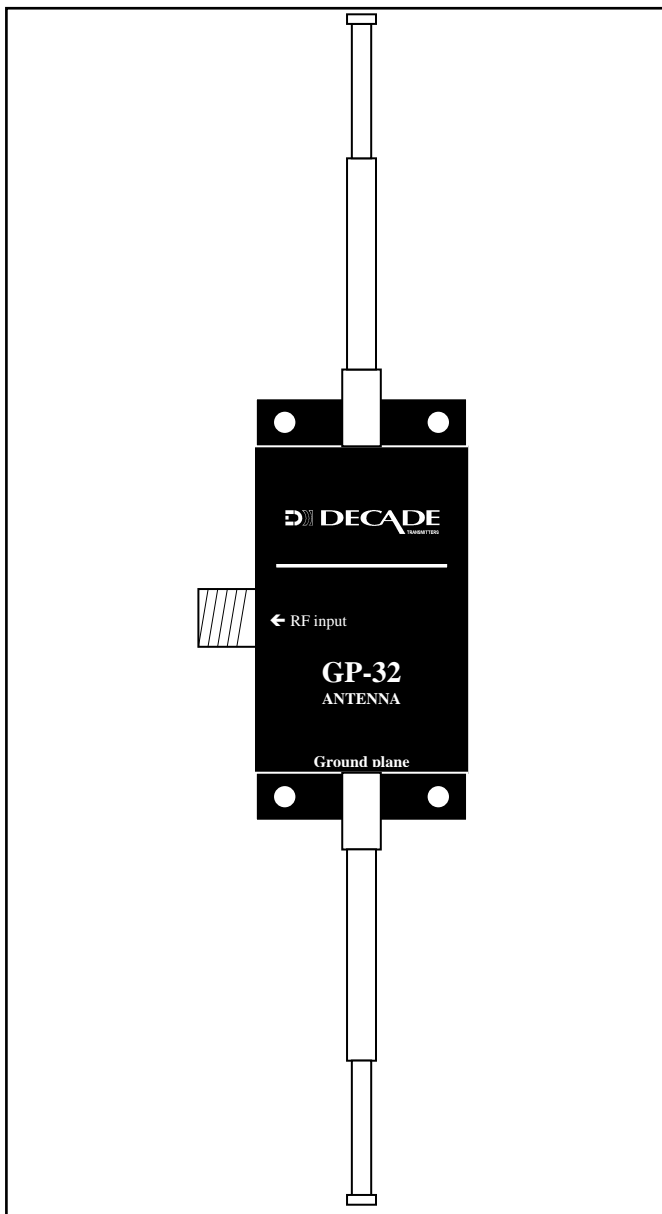




NEW HORIZONS FOR FM APPLICATIONS

GP-32

DIPOLE ANTENNA



The **GP-32** is an Omni directional dipole type antenna that was designed for indoor broadcast applications. The **GP-32** can be set to broadcast 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 twin rods can be extended or collapsed in a manner to tailor the length of each rods for perfect matching. A length chart is provided with each **GP-32** antenna. It is possible to install the antenna either in horizontal or vertical position, allowing ease of installation in restricted areas. The fixed bracket on the **GP-32** allows the user to fasten the antenna to different type of stands or permanently fix it to a wall with screws. The **GP-32** is equipped with a standard female UHF type connector for reliable coax cable connection.

SPECIFICATIONS

Impedance: 50 ohms	Type: Dipole
Polarization: Vertical	Gain: 0 dB
Connector: UHF	SWR: 2:1 max.
Rods length: 42 in (max.), 7.5 in (collapsed)	
Base dimensions: 3.3 in(L), 2.35 in(D), 1.4 in(H)	

Length adjustment of the GP-32 (dipole)

Freq. MHz	Whip Length (inch)	G.P Length (inch)	Freq. MHz	Whip Length (inch)	G.P Length (inch)	Freq. MHz	Whip Length (inch)	G.P Length (inch)
87.9	35	33	94.9	31	29	101.9	28	26¼
88.1	35	33	95.1	31	29	102.1	28	26¼
88.3	35	33	95.3	31	29	102.3	28	26¼
88.5	35	33	95.5	31	29	102.5	28	26¼
88.7	35	33	95.7	31	29	102.7	28	26¼
88.9	35	33	95.9	31	29	102.9	28	26
89.1	35	33	96.1	30½	29	103.1	28	26
89.3	35	33	96.3	30½	29	103.3	27½	26
89.5	35	32½	96.5	30½	29	103.5	27½	26
89.7	35	32½	96.7	30½	29	103.7	27½	26
89.9	35	32½	96.9	30½	28½	103.9	27½	26
90.1	35	32	97.1	30	28½	104.1	27½	26
90.3	35	32	97.3	30	28½	104.3	27½	26
90.5	35	32	97.5	30	28½	104.5	27	26
90.7	35	32	97.7	30	28½	104.7	27	26
90.9	34½	31½	97.9	30	28	104.9	27	26
91.1	34½	31½	98.1	30	28	105.1	27	26
91.3	34	31	98.3	30	28	105.3	27	26
91.5	34	30½	98.5	29½	27½	105.5	27	26
91.7	33½	30½	98.7	29½	27½	105.7	27	25¾
91.9	33	30	98.9	29½	27½	105.9	27	25¾
92.1	33	30	99.1	29½	27	106.1	26½	25¾
92.3	33	30	99.3	29½	27	106.3	26½	25½
92.5	32½	29½	99.5	29	27	106.5	26½	25½
92.7	32½	29½	99.7	29	26½	106.7	26½	25½
92.9	32	29½	99.9	29	26½	106.9	26½	25¼
93.1	32	29½	100.1	29	26½	107.1	26½	25¼
93.3	32	29½	100.3	29	26½	107.3	26	25¼
93.5	32	29	100.5	29	26½	107.5	26	25
93.7	32	29	100.7	28½	26½	107.7	26	25
93.9	32	29	100.9	28½	26½	107.9	26	25
94.1	31½	29	101.1	28½	26½			
94.3	31½	29	101.3	28½	26½			
94.5	31½	29	101.5	28½	26¼			
94.7	31½	29	101.7	28	26¼			

Whip length = Transmitting Whip

G.P. length = Ground plane whip

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