

FM Wide Band ANTENNA DIPOLE



FM Dipole in treated aluminum, teflon isolators, silicon O-rings, hot dip galvanized steel bolts, directly mounting on the support structure. Omnidirectional pattern with preferred direction.

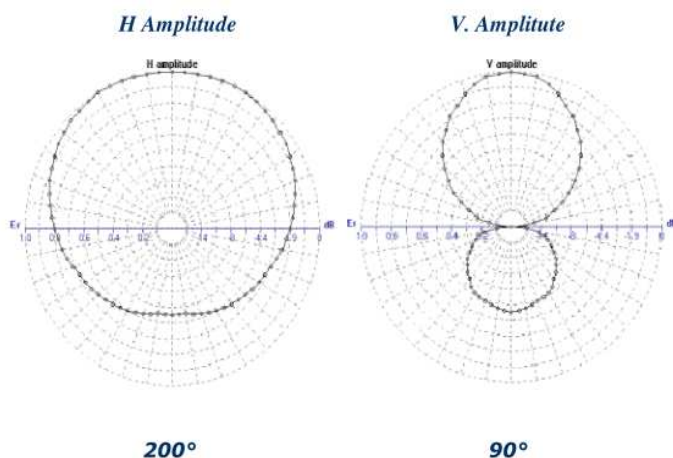
Demountable - Broadband $87.5 \div 108$ MHz
 Vertical/Horizontal Polarization
 Suitable for FM stacked array antenna system

Available version: DIN 7/16 Female (2000W) - N female connector (600W)

Features:

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|---------------------------|-------------------|
| • Frequency range | 87.5 ÷ 108.0 MHz |
| • Impedance | 50 Ω |
| • Polarization | Vertical |
| • V.S.W.R. | ≤ 1.2:1 |
| • $\lambda/2$ dipole Gain | 2 dB |
| • Input Connector | N - 7/16" |
| • Max wind speed | 150Km/h |
| • Material | Aluminum |
| • Dimension | h 1385 x l 900 mm |
| • Weight | 3.65Kg |
| • Mounting Pipes | 50÷100mm diam. |
| • Mounting Hardware: | Steel |

RADIATION PATTERN TO MID BAND (98 Mhz)



Antenna Systems

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|-------------|--------------|--------------|
| - 03A02D06K | 2 WB Dipoles | 5 dBd GAIN |
| - 03A04D4K | 4 WB Dipoles | 8 dBd GAIN |
| - 03A06D4K | 6 WB Dipoles | 9.5 dBd GAIN |
| - 03A08D10K | 8 WB Dipoles | 11 dBd GAIN |