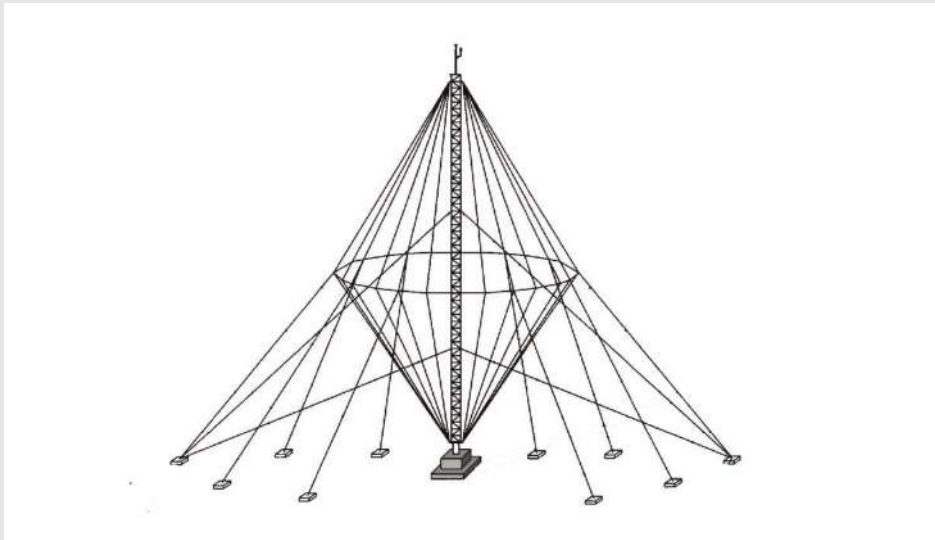


Vertical Polarization Fixed Omni Directional Monopols Broad Band Antenna System

Model No. HGMOV-XO&HGUB-XO(HGMOV-20 / 30 / 40 Monopols Antenna)



Specification

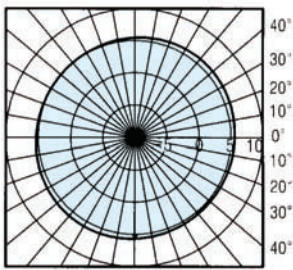
Model No.	HG MOV-20	HG MOV-30	HG MOV-40
Frequency Range	2~30MHz	3 ~ 30MHz	4 ~ 30MHz
Gain(Main Lobe)*	3~6dBi(Nominal)	3~6dBi(Nominal)	3~6dBi(Nominal)
Polarization	Vertical	Vertical	Vertical
Max Power input	Receiving 1kW Avg.(PP 2kW) 10kW Avg.(PP 20kW) 25kW Avg.(PP 20kW) 50kW Avg.(PP 20kW)	Receiving 1kW Avg.(PP 2kW) 10kW Avg.(PP 20kW) 25kW Avg.(PP 20kW) 50kW Avg.(PP 20kW)	Receiving 1kW Avg.(PP 2kW) 10kW Avg.(PP 20kW) 25kW Avg.(PP 20kW) 50kW Avg.(PP 20kW)
Input Impedance /Connector	50Ω(Receive) / "N" - Type 50Ω(1kW)/7/16" ϕ Din Type 50Ω(10kW) / 1-5/8" ϕ EIA 50Ω(25kW) / 3-1/8" ϕ EIA 50Ω(50kW) / 3-1/8" ϕ EIA	50Ω(Receive) / "N" - Type 50Ω(1kW)/7/16" ϕ Din Type 50Ω(10kW) / 1-5/8" ϕ EIA 50Ω(25kW) / 3-1/8" ϕ EIA 50Ω(50kW) / 3-1/8" ϕ EIA	50Ω(Receive) / "N" - Type 50Ω(1kW)/7/16" ϕ Din Type 50Ω(10kW) / 1-5/8" ϕ EIA 50Ω(25kW) / 3-1/8" ϕ EIA 50Ω(50kW) / 3-1/8" ϕ EIA
V.S.W.R(A.V.G)	2.5:1	2.5:1	2.5:1
Horizontal	Omnidirectional	Omnidirectional	Omnidirectional
Wind Load	60m/sec	60m/sec	60m/sec
Dimension	H:33m, W:60m	H:24m, W:45m	H:24m, W:30m
Weight	TBD	TBD	TBD

* Perfect Soil Condition

Vertical Polarization Fixed Omni Directional Monopols Broad Band Antenna System

HGMOV-20/30/40 안테나는 3~6dBi의 이득을 갖는 수직편파 전방향성 안테나로 1기의 지선식 철탑을 중심으로 수개의 금속도체선을 철탑 상,하부에 마름모꼴 형태로 설치하고 지면에는 360° 방사형 등간격으로 금속도체선을 매설하여 안테나의 광대역특성과 방사효율을 좋게 하였다.

AZIMUTH PATTERNS



ELEVATION PATTERNS

