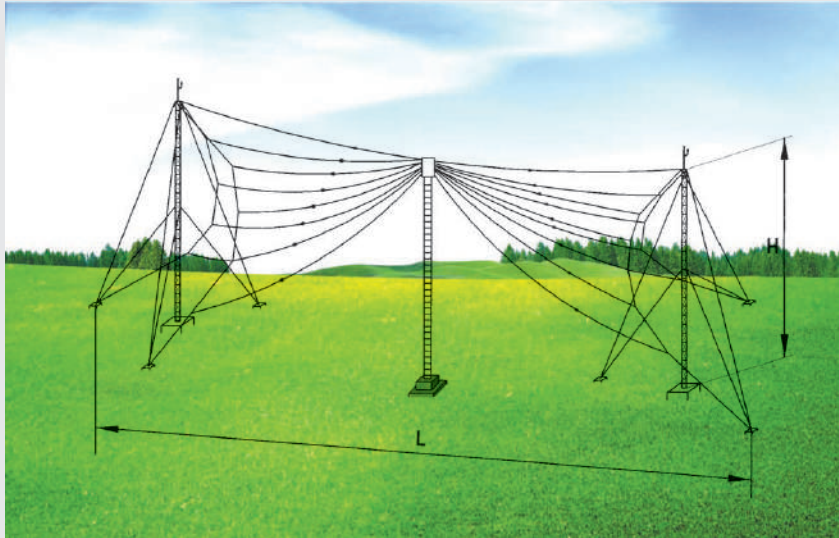


# Horizontal Polarization Fixed Omni Directional Broad Band Antenna System

**Model No.** HGSPH-XO&HGWBD-XO(HGWBD-20 / HGWBD-40)



## Specification

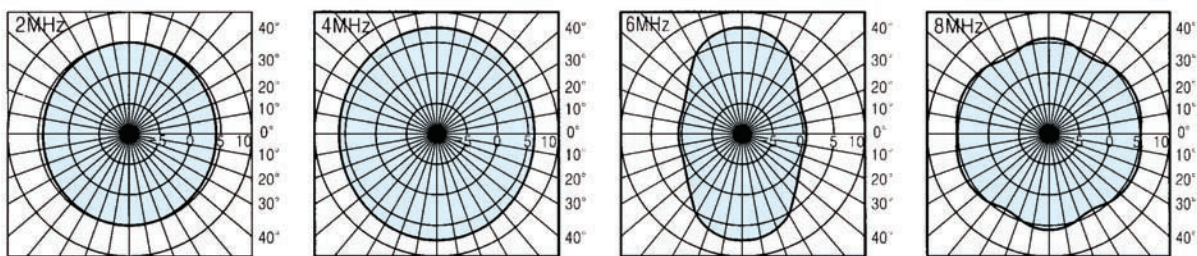
Model No.	HGWBD-2-O	HGWBD -4-O
Frequency Range	2~30MHz	4 ~ 30MHz
Gain(Main Lobe)*	5dBi(Nominal)	5dBi(Nominal)
Polarization	Horizontal	Horizontal
Max Power input	Receiving 1kW Avg.(PP 2kW) 10kW Avg.(PP 20kW)	Receiving 1kW Avg.(PP 2kW) 10kW Avg.(PP 20kW)
Input Impedance /Connector	50Ω(Receive) / “N” – Type 50Ω(1kW) / 7/16” ϕ Din Type 50Ω(10kW) / 1-5/8” ϕ EIA	50Ω(Receive) / “N” – Type 50Ω(1kW) / 7/16” ϕ Din Type 50Ω(10kW) / 1-5/8” ϕ EIA
V.S.W.R	≤2.5:1	≤2.5:1
Wind Load	60m/s	60m/s
Dimension	H:25m, L:75m, W:46m	H:20m, L: 50m, W:35m
Radiator	Wire Type	Wire Type

\* Perfect Soil Condition

# Horizontal Polarization Fixed Omni Directional Broad Band Antenna System

HGWBD-20 / HGWBD-30 안테나는 지선식 철탑 2식을 시설하고 반파장 다이폴을 중앙에서 양쪽 철탑쪽으로 주파수 별로 약 1/2 파장으로 설치하여 광대역 특성을 구현한 안테나이다.

## AZIMUTH PATTERNS



## ELEVATION PATTERNS

