

Weibonuo Communication

Outdoor 8dBi High Gain Wideband Omni 5G Antenna

698-960/1710-2700/3200-4000MHz

Model: WBNSC-6938V08H0750

Applications

- ① Supporting 2G/3G/4G/5G/CBRS/WLAN network
- ② Typically used in outdoor distribution of signal
- ③ Improves in outdoor wireless network coverage and capacity

Features

- ① High Gain
- ② Low profile neutral housing
- ③ High quality PVC radome with L-Bracket for easy installation
- ④ Attractive, compact design and form factor ideal for outdoor distributor antenna system



698-960/1710-2700/3300-3800MHz



Mechanical Specifications

Cable Position	Direct From Bottom (30cm cable or more available on request)
Connector	N Female x 1-port
Net Weight	2.30 Kg
Dimensions	φ60*750mm
Packing Dimensions	890*520*220mm (10PCS/Carton)
Installation Methods	Pole Mounting
Radome Material	PVC
Radome Color	WHITE
Effective Wind Area	≤0.2 m²
Wind-Resistant performance	37m/s
Mounting hardware	∅ 35 ~ ∅ 50mm
Operating Temperature	-40°C to +60°C

Electrical Specifications

Frequency Range	698-806MHz
	1710-3800MHz
Gain (Typ)	6±1dBi @ 698-806MHz
	8±1dBi @ 1710-3800MHz
VSWR (Typ)	≤2.5/≤2.5
Pattern Circularity	≤±2dB
Polarization	Vertical
Horizontal Beamwidth	360°
Vetical Beamwidth	23±3° @ 698-806MHz
	17±3° @ 1710-3800MHz
Impedance	50 Ohm
Max. Input Power	100 Watts
Lightning Protection	DC Ground

