



Antenna Factory, Inc.

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BP870-16.1-120D6



Specifications:

Frequency Range	870-960 MHz
Gain	16.1 dBi
Horizontal Beamwidth	120°
Vertical Beamwidth	7°
F/B Ratio	≥ 20 dB
VSWR	≤ 1.5
Nominal Impedance	50 ohm
Polarization	Vertical
Maximum Input Power	500 W
Lightning Protection	DC Ground
Connector Place	Center
Connector	N Female or 7/16 DIN Female
Dimension	2438mm × 305mm × 127mm / 7.20 ft × 1.0 ft × 0.42 ft
Weight	19 kg / 41.89 lb
Rated Wind Velocity	216 km/h / 135 mph
Mounting Mast Diameter	φ 40 – 89 mm / φ 1.57 – 3.50 in
Intermodulation IM3	≤ -110
Radiating Elements Material	Brass
Back Panel Material	Passivated Aluminum
Radome Material	Fiberglass
Electrical Downtilt	6°

Every effort is made to insure the product specifications are complete and accurate.
However, omissions, changes to product specifications and design changes may occur without notice.