



700 MHz MIMO Yagi Antenna with Dual Polarization

The BMXD757K-DP is a high gain, premium quality antenna with excellent port to port isolation. Manufactured using high strength 6061-T6 aluminum, they will withstand heavy ice, high wind and other harsh conditions. The entire antenna is anodized for aesthetic appearance and corrosion resistance.

Features

- Dual linearly polarized
- Temperature range -40° C to +85° C
- Wind survival rating > 200 mph
- Return loss > 15 dB
- Port to port isolation > 35 dB
- VSWR: ≤ 1.43:1
- Cross polarization discrimination > 25 dB



BMXD757K-DP



SA-WC1001AT

STANDARD CONFIGURATION

Connector	Elements	Mount
Type-N Female	7	Uses an SA-WC1001AT mount

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Frequency Range	Gain	Front to Back Ratio	Azimuth and Elevation Half Power Beam Width for 45° Slant Polarization	E-Plane 3 dB Beamwidth	H-Plane 3 dB Beamwidth	Average Power	Nominal Impedance
757-788 MHz	12 dBi	> 10 dB	45°	42°	49°	200 watts	50 ohms

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Weight (Mass)	Cross Sectional Area	Lateral Thrust @ 150 mph	Lateral Thrust Bending Moment @ 150 mph	Lateral Thrust @ 100 mph with 1/2" Ice
37" x 8" x 8" (939.8 mm x 203 mm x 203 mm)	3.25 lbs. (1.47 kg)	.26 ft ²	37.37 lbf (166.24 N)	35.36 lbf-ft (47.94 N-m)	42.13 lbf (187.41 N)