

### (2) 881-70-HDWBTM

The (2) 881-70-HDWBTM is a dual 881-70 bidirectional antenna with two feed cables. This antenna is heavy-duty, black anodized, top mount, well suited for multi-coupled systems due to its wide bandwidth.

Fully welded and black anodised design for use in extreme environmental conditions. It has internal cabling and a fixed dipole to mast spacing.

Electrical Specifications	(2) 881-70-HDWBTM
Frequency Range, MHz	138-174
Nominal Gain, dBd	3.0
Isolation between the two sets of dipoles, dB	22
Number of Dipoles	2 sets of 2
Bandwidth 1.5:1 VSWR, MHz	36
Polarization	Vertical
Pattern	Bidirectional
Power Rating, Watts	450
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	Type N Male
Mechanical Specifications	(2) 881-70-HDWBTM
Length, in (mm)	132 (3359)
Width, in (mm)	30 (762)
Weight, lbs. (kg)	150 (68)
Rated Wind Velocity, No Ice, mph (km/h)	110 (177)
Rated Wind Velocity, 0.5" (13mm) ice, mph (km/h)	80 (129)
Lateral Thrust @ 100 mph, wind, lbf (N)	236 (1050)
Bending Moment @ top clamp: 100 mph, lb*ft. (N*m)	1264 (1714)
Mounting Information: Mast O.D. (mm)	2.9" (73)

