

**874-70LM VHF EXPOSED DIPOLE**

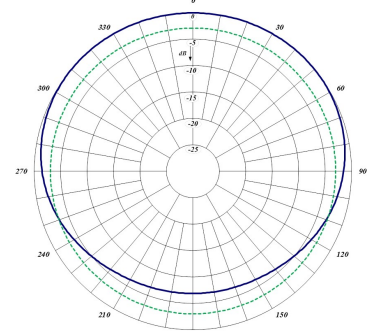
**138-174 MHz**

The 870 LM Series VHF exposed dipoles are available in 1, 2, 4, 8, dipole configurations. The LM stands for "Less Mast". The product includes the dipole, boom and clamps to mount the dipoles but the mast is not supplied. All of our antennas can be completely customized to your particular applications. Our antennas can be black anodized, adjustable-only, side or top mount, and are available in various degrees of heavy-duty ruggedness.

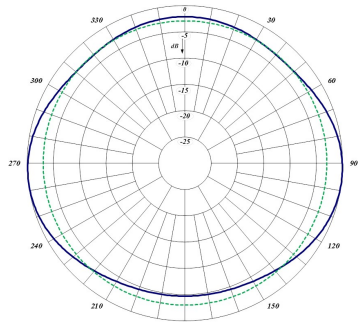
- The 870 LM series has external cabling and a field adjustable pattern
- Heavy-duty versions are available. Please contact a technical support technician for consultation.



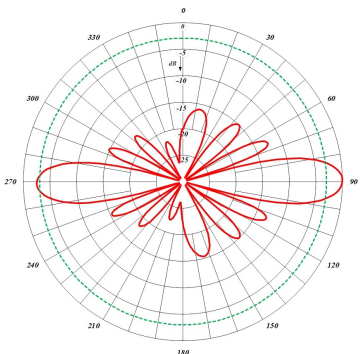
Quarterwave Spacing Horizontal



Halfwave Spacing Horizontal



Halfwave Spacing Vertical



**Electrical Specifications**

Frequency Range, MHz	138-174
Nominal Gain, dBd	8.0-8.5
Bandwidth 1.5:1 VSWR, MHz	36
Number of Dipoles	4
Polarization	Vertical
Pattern	Offset
Power Rating, Watts	500
Nominal Impedance, Ohms	50
Lightning Protection	DC Ground
Standard Termination	N Male

**Mechanical Specifications**

Length, in (mm)	Mast Not Included
Width (1/2 Wave Spacing), in (mm)	40 (1016)
Weight, lbs (kg)	38 (17.2)
Rated Wind Velocity: no ice, mph (km/h)	150 (241)
Rated Wind Velocity: 0.5" (13mm) Ice, mph (km/h)	135 (217)
Lateral Thrust @ 100 mph, wind, lbs (kg)	80 (36.5)
Projected Area, ft <sup>2</sup> (m <sup>2</sup> )	3.64 (0.34)
Mounting Hardware Supplied	115R-85

**Order Information**

874-70LM	<b>Heavy-duty</b> 874-70LMHD	<b>Black Anodized</b> 874-70LMHDB	<b>With Mast</b> 874A-70
----------	---------------------------------	--------------------------------------	-----------------------------