



Dual Frequency, Single Output Multidipol Model D2211



This antenna provides wide band VHF/UHF frequencies combined into a **single output** for users in maritime, land mobile and tactical line-of-sight communications. It is also effective for civilian and military air traffic control operations.

Electrical Specifications

Module	VHF	UHF
Frequency Range	108-174 MHz	225-400 MHz
Gain (dBi @ FC)	(+0)	(+0)
VSWR (Typical)	2:1	2:1
VSWR (max)	2.3:1	2.3:1
Polarization	Vertical	Vertical
HPBW (Vertical deg. Nom.)	75 (centered on horizon)	75 (centered on horizon)
Omni directional Uniformity	+/-0.5 dB (Azimuth)	+/-0.5 dB (Azimuth)
Isolation (Min. dB)	35	35
Impedance	50 Ohms	
Terminal Type	N Female	
Vertical Beam-Center Deviation	+ or -10 degrees (from horizon)	
Applied Power	100 Watts Max	

Mechanical Specifications

Height	111 in (281.9 cm)
Weight	14 lbs (6.4kg)
Mount (Mast Diameter)	3 in (7.62 cm)
Wind Load Area No Ice	1.5 sq ft
Wind Load Area 1/2 in Ice	2.0 sq ft

Environmental Specifications

Rain, salt, fog, sand, dust and fungus to MIL-STD-810A and B.	
Temperature, Barometric Pressure and Humidity to MIL-STD-210 and 210A	
Radome Material	Filament Wound Fiberglass
Diameter	2.85 in O.D. (7.24 cm)
Color	White or Green

TACO Communications Inc.

5512 Bearcreek Drive,
Mechanicsburg, PA. 17050
Tel: 717.975.0885 Fax: 717.763.0469
Email: tacocomm@aol.com
Web Site: www.tacocommunications.com

TACO Communications Inc.

29 Sharp Road,
Brantford, Ontario
N3T 5L8
Canada