



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.

Specifications

ELECTRICAL

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	

Survival Rating 150 M.P.H. (Maximum Wind Speed at sea level with One Hundred Percent Humidity at Seventy Degrees Fahrenheit. Safety factor of 1.65 included.)

MECHANICAL

Module	VHF
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

Module	VHF
Radome Material	Filament Wound Fiberglass
Diameter	2.85 in O.D. (7.24 cm)
Color	White or Green

- Rain, salt, fog, sand, dust and fungus to MIL-STD-810A and B.
- Temperature, Barometric Pressure and Humidity to MIL-STD-210 and 210A

TACO Antenna's ongoing policy of continuing development may result in specification changes to its products.

US AND INTERNATIONAL SALES AGENT

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