

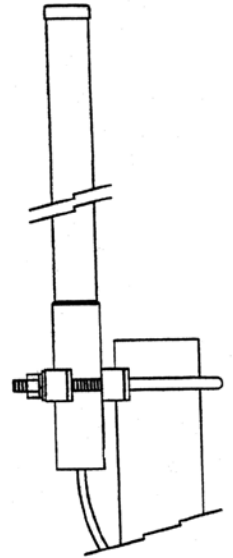


ANTENNA TECHNOLOGIES LIMITED COMPANY

Model VG3400FML1TMSSA Omnidirectional Antenna

Key Features

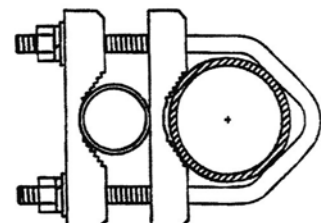
- Encased in a heavy wall fiberglass radome for superior weather resistance
- Rugged unity gain omni is optimized for wide bandwidth and all weather performance
- Broad vertical beamwidth provides wide area coverage with **no field tuning required** to obtain maximum performance



Electrical Specifications	VG3400FML1TMSSA
Frequency Range, MHz	3200-3600
Polarization	Vertical
Gain dBd	Unity
VSWR (50 Ohms)	1.2:1 typical
2:1 Bandwidth MHz	100 minimum; 200 typical
3 dB Beamwidth E/H Planes, degrees	77/360
Maximum Power, watts	30*
Cable type/length	LMR195 14"
Connector	Fixed TNC Male

*Limited by feedline. Higher power ratings are available as an option.

TOP VIEW



Mechanical Specifications	VG3400FML1TMSSA
Overall Length, inches	13.22"
Radome Material	1.0"OD; .125" wall Fiberglass
Element Material	All-Brass components
Mast Diameter, inches (cm)	1.25-2.00 (3.2-5.1)
Mounting	Stud Spring Base
Wind Surface Areas, feet	.071 (.007)
Wind Survival, mph (kph)	150 (240)
Weight, pounds (kg)	1.5 (.68)

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