



OMNI-DIRECTIONAL VHF ANTENNA

- CFM2- *

This rugged omni-directional antenna can be cut to any channel from 2 to 13. Other frequencies are available on request. Output impedance is 75 Ohm with a standard "F" connector. It is also available with "N" connector and 50 Ohm impedance.

SPECIFICATIONS:

ELECTRICAL

Specification	CFM2- *
FREQUENCY RANGE	54 - 220 MHz (Specify channel)
CHANNELS	2 To 13 (available on request)
GAIN (dBi)	-1 dBi
IMPEDANCE	75 Ohm
VSWR	2.0:1 (Max.)
MAXIMUM POWER	100 Watts
CONNECTOR	75 Ohm - "F"
	50 Ohm - "N" (on request)
MOUNT	1.5 TO 3" I.D. U-BOLT
WEIGHT	15 Lbs. (CH. 2)
	5 Lbs. (CH. 13)

* Specify frequency or channel

MECHANICAL

MODEL	WIND LOAD AREA (SQ. FT.)		THRUST (LBS.)		TORQUE (FT. - LBS.)	
	NO ICE	1" RAD. ICE	NO ICE	1" RAD. ICE	NO ICE	1" RAD. ICE
CFM2-2	1.34	4.62	48.3	41.6	142.3	122.6
CFM2-3	1.18	4.07	42.5	36.6	110.3	95.0
CFM2-4	1.09	3.75	39.3	33.8	94.0	80.8
CFM2-5	0.93	3.20	33.5	28.8	68.4	58.8
CFM2-6	0.86	2.97	31.0	26.7	58.8	50.6
CFM2-FM	0.80	2.74	28.8	24.7	50.4	43.2
CFM2-7	0.41	1.42	14.8	12.8	13.4	11.6
CFM2-8	0.40	1.37	14.4	12.3	12.6	10.8
CFM2-9	0.38	1.33	13.7	12.0	11.6	10.2
CFM2-10	0.38	1.33	13.7	12.0	11.6	10.2
CFM2-11	0.38	1.33	13.7	12.0	11.6	10.2
CFM2-12	0.35	1.19	12.6	10.7	9.6	8.1
CFM2-13	0.35	1.19	12.6	10.7	9.6	8.1

A qualified structural engineer should be consulted prior to mounting an antenna on a tower or a support structure.

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