



**FG8066**  
Shown with FM2  
Mounting Option

## Fiberglass Omnidirectional

- Includes VHF through 2.4 GHz models
- High performance and reliable collinear J-pole design surrounded by durable high density fiberglass
- Durable gold anodized sleeve and cap will not oxidize
- Custom tuning available
- FedEx/UPS shippable on most models



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Model	Frequency Range	Tuned Frequency	Gain	Length	Maximim Power
<b>VHF Models</b>					
FG1400	140-144 MHz	142 MHz	Unity	92"	150 watts
FG1403	140-144 MHz	142 MHz	3 dBd	107"	150 watts
FG1440	144-148 MHz	146 MHz	Unity	92"	150 watts
FG1443	144-148 MHz	146 MHz	3 dBd	107"	150 watts
FG1480	148-152 MHz	150 MHz	Unity	68"	150 watts
FG1483	148-152 MHz	150 MHz	3 dBd	107"	150 watts
FG1520	152-156 MHz	154 MHz	Unity	68"	150 watts
FG1523	152-156 MHz	154 MHz	3 dBd	107"	150 watts
FG1560	156-162 MHz	159 MHz	Unity	68"	150 watts
FG1563	156-162 MHz	159 MHz	3 dBd	107"	150 watts
FG1620	162-168 MHz	165 MHz	Unity	68"	150 watts
FG1623	162-168 MHz	165 MHz	3 dBd	107"	150 watts
FG1683	168-174 MHz	171 MHz	3 dBd	107"	150 watts
FG2200	220-225 MHz	222.5 MHz	Unity	68"	150 watts
FG2203	220-225 MHz	222.5 MHz	3 dBd	107"	150 watts
<b>UHF Models</b>					
FG3603	360-380 MHz	370 MHz	3 dBd	44"	100 Watts
FG3803	380-390 MHz	385 MHz	3 dBd	44"	100 Watts
FG4060	406-416 MHz	411 MHz	Unity	26"	100 Watts
FG4063	406-416 MHz	411 MHz	3 dBd	44"	100 Watts
FG4065	406-416 MHz	411 MHz	5 dBd	76"	100 Watts
FG4100	410-430 MHz	420 MHz	Unity	26"	100 Watts
FG4103	410-420 MHz	415 MHz	3 dBd	44"	100 Watts
FG4203	420-430 MHz	425 MHz	3 dBd	44"	100 Watts
FG4205	420-430 MHz	425 MHz	5 dBd	76"	100 Watts
FG4300	430-450 MHz	440 MHz	3 dBd	26"	100 Watts
FG4303	430-440 MHz	435 MHz	3 dBd	44"	100 Watts
FG4305	430-440 MHz	435 MHz	5 dBd	76"	100 Watts
FG4403	440-450 MHz	445 MHz	3 dBd	44"	100 Watts
FG4405	440-450 MHz	445 MHz	5 dBd	76"	100 Watts
FG4407	440-450 MHz	445 MHz	7 dBd	110"	100 Watts
FG4500	450-470 MHz	460 MHz	Unity	26"	100 Watts
FG4503	450-460 MHz	455 MHz	3 dBd	44"	100 Watts
FG4505	450-460 MHz	455 MHz	5 dBd	76"	100 Watts
FG4505W	450-470 MHz	460 MHz	5 dBd	76"	100 Watts
FG4507	450-460 MHz	455 MHz	7 dBd	107"	100 Watts
FG4603	460-470 MHz	465 MHz	3 dBd	44"	100 Watts
FG4605	460-470 MHz	465 MHz	5 dBd	76"	100 Watts
FG4607	460-470 MHz	465 MHz	7 dBd	107"	100 Watts
FG4705	470-480 MHz	475 MHz	5 dBd	76"	100 Watts
FG4900	490-512 MHz	501 MHz	Unity	26"	100 Watts
FG4907	490-500 MHz	495 MHz	7 dBd	107"	100 Watts
FG5003	500-512 MHz	506 MHz	3 dBd	44"	100 Watts
FG5007	500-512 MHz	506 MHz	7 dBd	107"	100 Watts

Model	Frequency Range	Tuned Frequency	Gain	Length	Maximim Power
<b>700 - 900 MHZ Models</b>					
FG7463	746-796 MHz	771 MHz	3 dBd	23 1/2"	100 Watts
FG7466	746-796 MHz	771 MHz	6 dBd	61"	100 Watts
FG8060	806-866 MHz	813.5 MHz	Unity	15"	100 Watts
FG8063	806-866 MHz	813.5 MHz	3 dBd	25"	100 Watts
FG8063WPTNF	806-896 MHz	851 MHz	3 dBd	29"	100 Watts
FG8066	806-866 MHz	813.5 MHz	6 dBd	65"	100 Watts
FG8240	824-896 MHz	835 MHz	Unity	15"	100 Watts
FG8243	824-896 MHz	835 MHz	3 dBd	25"	100 Watts
FG8246	824-896 MHz	835 MHz	6 dBd	65"	100 Watts
FG8693	869-902 MHz	882 MHz	3 dBd	25"	100 Watts
FG8960	896-940 MHz	898 MHz	Unity	15"	100 Watts
FG8963	896-940 MHz	898 MHz	3 dBd	25"	100 Watts
FG8966	896-940 MHz	898 MHz	6 dBd	65"	100 Watts
FG9023	902-928 MHz	915 MHz	3 dBd	25"	100 Watts
FG9026	902-928 MHz	915 MHz	6 dBd	65"	100 Watts
FG9283	928-970 MHz	930 MHz	3 dBd	25"	100 Watts
FG9360	936-970 MHz	953 MHz	Unity	15"	100 Watts
FG9286	928-970 MHz	930 MHz	6 dBd	65"	100 Watts
FG9366	936-970 MHz	953 MHz	6 dBd	65"	100 Watts

<b>2.4 GHZ Models</b>					
FG24005	2400-2500 MHz	2450 MHz	5 dBi	14"	100 Watts
FG24008	2400-2500 MHz	2450 MHz	8 dBi	24"	100 Watts

<b>Dual Band Model</b>					
FG821/18503	821-896 MHz	858.5 MHz	Unity	14"	100 watts
	1850-1990 MHz	1920 MHz	3 dBd		

<b>Fiberglass Base Antennas Mounting Options</b>					
FM1	Stainless Steel U-Bolt Mount (2)				
FM2	Fiberglass Mounting Bracket (2)				
FMS9	9 Inch Standoff (2)				
FMW4	4 Inch Wall Mount				

<b>Fiberglass Base Antenna Accessories</b>					
LAIL350NN	In-Line Lightning Arrestor N to N				
LABH350NN	Bulk Head Lightning Arrestor N to N				
LABH2400NN	Bulkhead Lightning Arrestors N to N				
CCT213	Heavy Duty Crimp Tool				
CN400	Type N Male				
R400100	100' Spool High Performance ATX400				
R400500	500' Spool High Performance ATX400				
PT40025NN	Pigtail 25 ft. ATX400 N to N				
PT40050NN	Pigtail 50 ft. ATX400 N to N				
PT40075NN	Pigtail 75 ft. ATX400 N to N				
PT400100NN	Pigtail 100 ft. ATX400 N to N				
IASFST	36 ft. Roll of MOCAP Installation Tape				
IASFST10	Six pack of 10" strips of MOCAP Installation Tape				

## Heavy Duty Omnidirectional



- New high gloss white tapered radome is UV treated to resist sun damage
- High density fiberglass construction is rated to withstand 145 mph winds
- Heavy wall, gold anodized aluminum mounting sleeve

FGM1505  
Shown with FM3W  
Mounting Kit Option

Model	Frequency Range	Tuned Frequency	Gain	Length	Maximim Power
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### VHF

FGM1505	150-155 MHz	152 MHz	5 dBd	24'	500 watts
FGM1555	155-160 MHz	157 MHz	5 dBd	24'	500 watts
FGM1605	160-165 MHz	163 MHz	5 dBd	24'	500 watts

### 220 MHz 5 dBd GAIN MODELS

FGM2165	216-225 MHz	220 MHz	5 dBd	18'	500 watts
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### UHF

FGM4507	450-460 MHz	455 MHz	7 dBd	22'	350 watts
FGM4607	460-470 MHz	465 MHz	7 dBd	22'	350 watts
FGM45010	450-460 MHz	455 MHz	10 dBd	22'	350 watts
FGM46010	460-470 MHz	465 MHz	10 dBd	22'	350 watts

### ATX Coax Options

R400100	100' Spool High Performance ATX400
R400500	500' Spool High Performance ATX400

### Mountaineer Accessories

FM3	Heavy Duty Large Base Antenna Mount (2) 3"
FM3W	Heavy Duty Large Base 3" Antenna Mount with Center Weld (2)
LAIL350NN	Inline Lightning Arrestors N to N
LABH350NN	Bulkhead Lightning Arrestors N to N
CN400	N Male For ATX400
CCT213	Heavy Duty Crimp Tool
IA3MTP22	3M 2200 Tar Seal
IASFST	36 ft. Roll of MOCAP Installation Tape
IASFST10	Six pack of 10" strips of MOCAP Installation Tape

## Voyager®

- Field tunable for quick field deployment
- Match encased in a dry synthetic rubber material which virtually eliminates detuning from moisture and vibration resistant for the ultimate in portable durability
- UV inhibiting insulators will not crack, decay, or disassemble with UV exposure



VG1505, VG4505  
Voyager Antennas  
shown with FM2  
Mounting Kit option

Model	Frequency Range	Gain	Length	Extended Length
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### VHF Models

VG1502	150-174 MHz	2 dBi	55"	102"
VG1325	132-150 MHz	5 dBi	55"	102"
VG1505	150-174 MHz	5 dBi	55"	102"
VG1326	132-150 MHz	6 dBi	55"	102"
VG1506	150-174 MHz	6 dBi	55"	102"
VG2002	200-225 MHz	2 dBi	55"	102"

### UHF Models

VG4065	406-450 MHz	5 dBi	25"	35"
VG4505	450-512 MHz	5 dBi	25"	35"
VG4506	450-512 MHz	6 dBi	25"	35"

Model	Description	Mast
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### Mounting Options

FM1	Stainless Steel U Bolt Mount (2)	1 7/8"
FM2	Heavy Duty Base Mounting Bracket (2)	2 1/2"