

New FR Series Fiberglass Omnis

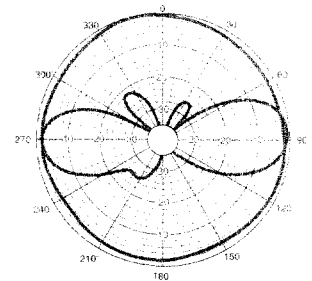


FR Series Omnis

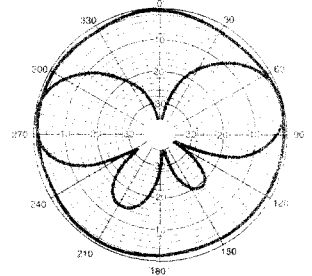
- Highly reliable brass radiator
- 3 dBi and 5 dBi models available
- Designed for effortless installation
- Mounting hardware included
- Integrated pigtail and N-female connector
- Exceptional value

Cushcraft's new UHF fiberglass series is the right choice for your base station applications. The versatility in frequency and gain selection combined with a highly reliable solid brass radiator provide exceptional value for superior RF performance. The quality design of the integrated pigtail and N-female connector are excellent weatherproofing features. Mounting hardware is included facilitating installation.

Typical FRX E-plane



— H-Plane
— E-Plane



Typical FR E-plane

FR SERIES SELECTOR GUIDE

Model	Freq. MHz	Gain dBi	Bandwidth	-3dB Bmwidth E-Plane (deg)	Height In (cm)	Weight lb (kg)	Wind Surface ft ² (m ²)
FR380	380-400	3	20	40	35 (89.90)	1.19 (.54)	.170 (.016)
FRX380	380-400	5	20	24	46.75 (118.75)	1.60 (.72)	.220 (.020)
FR406	406-430	3	24	40	34.63 (87.95)	1.09 (.49)	.167 (.016)
FRX406	406-430	5	24	24	46.00 (116.84)	1.12 (.50)	.217 (.020)
FR430	430-450	3	20	40	34.00 (86.36)	1.08 (.49)	.164 (.015)
FRX430	430-450	5	20	24	45.75 (116.21)	1.05 (.47)	.215 (.020)
FR450	450-470	3	20	40	33.50 (86.36)	1.07 (.48)	.163 (.015)
FRX450	450-470	5	20	24	42.25 (114.94)	1.14 (.51)	.212 (.020)
FR470	470-490	3	20	40	30.63 (77.79)	1.01 (.45)	.146 (.014)
FRX470	470-490	5	20	24	42.25 (107.32)	1.05 (.47)	.196 (.018)
FR490	490-512	3	22	40	30.63 (77.79)	1.00 (.45)	.146 (.014)
FRX490	490-512	5	22	24	42.50 (107.32)	1.04 (.42)	.196 (.018)

Common Specifications

- VSWR - 1.5:1
- Polarization - Vertical
- Impedance - 50 Ohms
- Pigtail - 12" (30.5 cm) UltraLink Connector - N female
- Wind Survival - 125 mph (200 kph)
- Enclosure Material - Fiberglass
- Power - 150 Watts
- Mount Style - Tube end