

DC-30/2250

- HIGH GAIN
- VHF/UHF FREQUENCY RANGE
- HIGH POWER



DC-190, DC-2250

Applications

Antenna Products' aviation antennas are designed for ground-to-air communication covering the VHF and UHF frequency bands.

Features

The antennas are made of corrosion resistant lightweight aluminum. This also contributes to long (ten years) service life with minimal maintenance. See specifications chart below. One of these models should meet your performance requirements.



DPR/L *-4

MODEL	DC-30	DC-38	DC-80	DC-100	DC-190	DC-400	DC-2250	DPR/L *-4	
Frequency Range	30-80 MHz	60-88 MHz	80-230 MHz	90-250 MHz	190-425 MHz	400-1000 MHz	225-400 MHz	118-144 MHz	
Gain	1.5 dBi	1.5 dBi	1.5 dBi	1.5 dBi	1.5 dBi	1.5 dBi	1.5 dBi	1.5 dBi	
VSWR	2:1 max.	2:1 max.	2:1 max.	2:1 max.	2:1 max.	2:1 max.	2:1 max.	2.5:1 max.	
Input Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	50 Ohms	
Power Capability	1 kW	1 kW	500 watts	500 watts	500 watts	500 watts	500 watts	200 watts	
Connector	type "N"	type "N"	type "N"	type "N"	type "N"	type "N"	type "N"	type "N"	
Environmental	120 mph wind no ice 70 mph wind ½" radial ice	120 mph wind no ice 70 mph wind ½" radial ice	120 mph wind no ice 70 mph wind ½" radial ice	120 mph wind no ice 70 mph wind ½" radial ice	120 mph wind no ice 70 mph wind ½" radial ice	120 mph wind no ice 70 mph wind ½" radial ice	120 mph wind no ice 70 mph wind ½" radial ice	150 mph wind no ice 120 mph wind ½" radial ice	100 mph wind ½" radial ice
Mounting	mate to 3" IPS pipe	mate to 3" IPS pipe	mate to 1¼" IPS pipe	mate to 1¼" IPS pipe	mate to 1¼" IPS pipe	mate to 1¼" IPS pipe	mate to 1¼" IPS pipe	mate to 2½" IPS pipe	
Material	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	aluminum	
Net Weight	36 lbs.	33 lbs.	12 lbs.	11 lbs.	5 lbs.	2 lbs.	4 lbs.	22 lbs.	
Approximate Ship Weight	39 lbs.	36 lbs.	14 lbs.	13 lbs.	5.5 lbs.	3 lbs.	5 lbs.	27 lbs.	
Approximate Ship Volume	1.82 cu. ft.	1.82 cu ft	.46 cu. ft.	.65 cu. ft.	.90 cu. ft.	.4 cu. ft.	.59 cu. ft.	18.7 cu. ft.	
Width	114 in.	74 in.	47.5 in.	45.0 in.	25.0 in.	9.0 in.	18.0 in.	36.0 in.	
Height	114 in.	80 in.	41.0 in.	41.5 in.	21.0 in.	8.5 in.	15.4 in.	21.0 in.	

*Note: R designates right hand circularly polarized
L designates left hand circularly polarized