

HUNTER FA-370

12-FOOT (3.7 METER) PERFORMANCE IN
A PORTABLE, CARBON-FIBER FLYAWAY.

The Hunter™ FA-370 delivers big-dish performance you can actually move. The 12ft (3.7m) carbon-fiber reflector, integrated 3-axis mount, and flight-case system assemble without tools in less than 30 minutes. Swap C/X, Ku, DBS, or Ka by clipping in the right feed cartridge, and go. Precision manufacturing keeps the surface true after hundreds of builds, so you get consistent gain and sidelobes that meet tough sat-authority specs. Ideal for rapid-deployment broadband—MCPC video, multiple SCPC, secure government links, news and event backhaul.



BIG PERFORMANCE, FAST SETUP

12ft (3.7m) dish, tool-less assembly in <30 minutes; high EIRP previously out of reach for flyaways.



MULTI-BAND IN MINUTES

Extensive range of feed cartridges (S, C, X, Ku, Ka, multi-port Tx/Rx & Rx only SIGINT options)



RUGGED, FIELD- PROVEN BUILD

Carbon-fiber reflector and mount resist deformation after repeated assemblies.



COMPLIANT AND CERTIFIED

Intelsat/Eutelsat compliant; WGS, SkyNet, XTAR, Inmarsat, and MIL-STD-810 certified.

TECHNICAL SPECIFICATION

GENERAL

ANTENNA TYPE	Circular, axially symmetric with centre hub plus eighteen petals
DIAMETER	12ft (3.7m)
CONFIGURATION	Prime Focus
POLARIZATION	Linear or Circular
CROSS POLARIZATION	-35dB typically (feed dependent)
PORT-TO-PORT ISOLATIONS	90dB typical (with TRF)

TRANSMIT

TRANSMIT BANDS	FA-370/60	5.85 to 7.025GHz
	FA-370/70	7.9 to 8.4GHz
	FA-370/140	12.75 to 14.5GHz
	FA-370/180	17.3 to 18.4GHz
	FA-370/300	27.5 to 31GHz
POWER HANDLING	1.5kW max.	
VSWR	1.3:1 Typical	

RECEIVE

RECEIVE BANDS	FA-240/40	2.4 to 3.4GHz
	FA-370/60	3.4 to 4.2GHz
	FA-370/70	7.25 to 7.75GHz
	FA-370/140	10.7 to 12.75GHz
	FA-370/180	10.7 to 12.75GHz
	FA-370/300	17.7 to 22.2GHz

ENVIRONMENTAL

TEMPERATURE	Transportation & Storage	-40 to +158°F (-40 to +70°C)
	Operational	-4 to +140°F (-20 to +60°C)
	Optional low temperature pack	-40 to +140°F (-40 to +60°C)
PHYSICAL	MIL-STD-810 Cerfitied	
HUMIDITY	1 to 100%	
ALTITUDE	14,763ft (4,500m)	
WIND RATING	Operational	37mph with gusts to 45mph (60km/h with gust to 72km/h)
	Survival (stowed)	75mph (121km/h)

POWER

POWER REQUIREMENT	90 to 264V AC Power Supply
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PHYSICAL

ELEVATION ADJUSTMENT	0 to 90°	
AZIMUTH ADJUSTMENT	+/-180°	
POLARIZATION ADJUSTMENT	+/-95°	
PACKED SIZE	Box 1, 2 & 3	48.4 x 48.4 x 21.7 in (1.23 x 1.23 x 0.55m)
	Box 4 & 5	48.4 x 48.4 x 19.7 in (1.23 x 1.23 x 0.5m)
WEIGHT	Box 1	170lbs (77kgs)
	Box 2	170lbs (77kgs)
	Box 3	236lbs (107kgs)
	Box 4	260lbs (118kgs)
	Box 5	182lbs (83kgs)
Weights above are for manual, baseline configuration		

FA-180/240/370 antenna feed cartridges

BAND	DUAL PORT TX/RX FEEDS
C	Linear & Circular/Linear switchable
X	Circular & Low PIM option
KU	Linear Std band & Low band Ku linear
DBS	Linear & Circular
KA	Commercial band Linear & Circular Military band Linear & Circular

BAND	SIMULTANEOUSE BAND TX/RX FEEDS
X/KA	4 port and 6 port feeds

BAND	DUAL PORT RX ONLY FEEDS
S	Linear & Circular
C	Linear & Circular Extended band
X	Circular
KU	Linear & Circular
KA	Linear & Circular

MULTIPLE AMPLIFIER MOUNTING OPTIONS

Feed Integrated BUCS up to 100w or case mount with our innovative multiband feed arm for higher power and simultaneous feed systems. Custom designs available on request.