

# 750



## TECHNICAL SPECIFICATIONS



### Electrical

Rx & Tx cable	2 RG6 cables (10m each)
Control Cables:	
Standard:	10m Ext. Cable
Optional:	upto 75m available
Transmit (Tx) Power	1 to 200 Watt (Ku band) *
Transmit (Tx) Frequency	13.75 – 14.50 GHz (Ku Band)
Receive (Rx) Frequency	10.95 – 12.75 GHz (Ku Band)
Midband Gain	
Transmit (Tx)	39.3 dBi @ 14.25 GHz
Receive (Rx)	37.8 dBi @ 11.95 GHz

### Motors

Electrical Interface	12V DC 15A max.
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### Mechanical

Mount Geometry	0.75 m Elliptical Antenna
Polarization	Elevation Over Azimuth
	Dish rotation cross-polarization
	isolation
Deployment Sensors	GPS antenna
	Compass ± 2°
	Tilt sensor ± 0.2°

### Maximum Mount Rotation

Azimuth	Full 360° in overlapping 200° sectors
Elevation	0 - 62.5°
Polarization	±70°
Elevation Deploy Speed	Variable 5°/sec typ
Azimuth Deploy Speed	Variable 15°/sec max, 10°/sec typ
Peaking Speed	0.2°/sec
VSWR	1.3:1 Max

### Physical

Mounting Plate	L: 49.5" (1257mm)
	W: 18" (457mm)
Stowed Dish Ext. Dims	L: 52" (1320mm)
	W: 37" (940mm)
	H: 19.5" (432mm)
Deployed Height	41" (1041 mm) Max.
Weight	123 lbs (56 kg)

### Environmental Survival

Wind Deployed	100 mph (160 km/h)
Wind Stowed	140 mph (225 km/h)
Temperature	-40°F to 150°F (-40°C to 65°C)

### RF Interface

Radio Mounting	Feed Arm
Waveguide	Gilat / Starband Rigid
Coaxial	RG6U from Feedhorn to Base
Feed	Connector
	2 port - X Pol

### Operational

Wind	45 mph (72 km/h)
Temperature	-22°F to 130°F (-30°C to 55°C)

Standard warranty: 2 years

\* Depending on size and weight for feed arm mounting limitation

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Specifications are subject to change

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