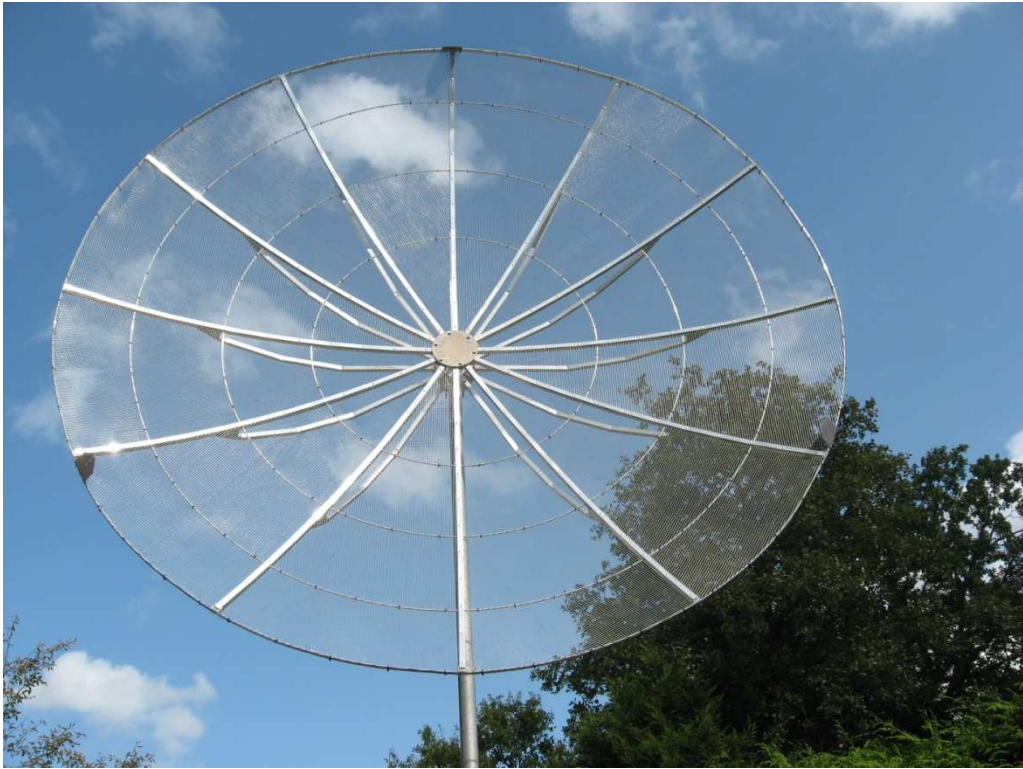
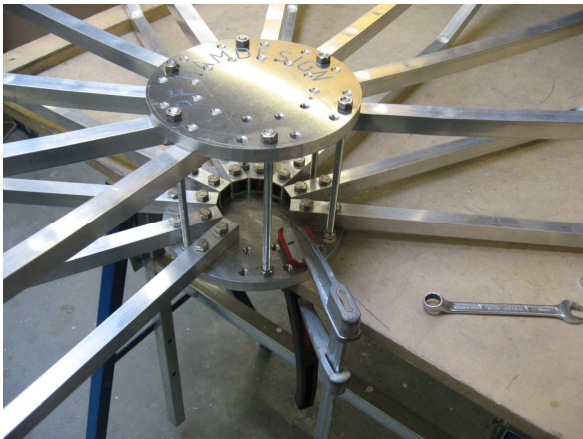


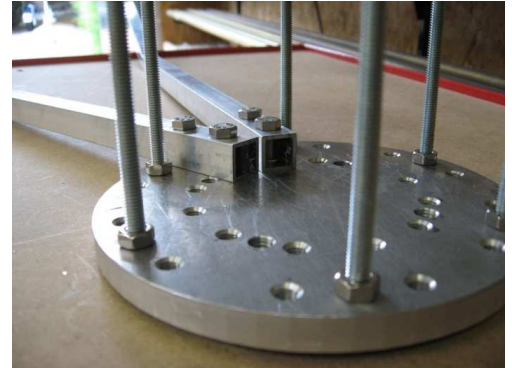
Specifications Sheet:
PRIME FOCUS MESH DISH KIT
2.4 Meter DISH
Available F/D = 0.40 / 0.45 / 0.50



2.4 meter DISH KIT



- ✓ This MESH DISH KIT is specially designed to use with prime focus dish feeds.
- ✓ RF HAMDESIGN can offer you a wide range of Dish feeds, Linear (H or V) or circular (LHCP or RHCP) polarized. Multiband linear dish feeds up to 5 band are also available.
- ✓ Built up notes of each Mesh Dish are in the delivered user manual described step by step with lot of pictures.
- ✓ All delivered mounting parts are made of stainless steel and or aluminum.
- ✓ To assemble RF HAMDESIGN's DISH KIT you will only need some small hand tools, a little hand driller, a metal saw, some writing stuff, a small metal hand cutter, a open end spanner No. 10 and 13 and a Hand riveter
- ✓ Assembly time is about 5...6 hours.



Specifications 2.4 Meter Prime Focus Mesh Dish

Mesh useable up to	6 GHz / Option 11 GHz – 2.8mm mesh
Weight 2.4M dish (ex dish feed)	14 Kg / 18 Kg (6mm / 2.8mm Mesh)
Wind load 120Km/h - 6mm/2.8mm mesh	478 Newton / 654 Newton
Mast clamp	48 – 52 mm
2 pcs CNC Milled center	Aluminum, 15cm diameter / 10mm thickness
15mm assembled ribs ready to place	12 pcs
Inner rings to secure mesh	3 pcs
Easy to place outer RIM	1 pcs
Feed support including	3 leg 15mm / square tube Aluminum
Available F/D	0.4 / 0.45 / 0.50

Gain calculation

(Surface quality factor (eta) 0.65)




Frequency MHz	Gain dBd	1/2-power (3 dB) beam widths Degree
1296	26.1	7.1
2320	31.1	4.0
3456	34.5	2.7
5760 (option 2.8mm mesh)	39.0	1.6
10368 (2.8mm mesh)	N.A.	N.A.

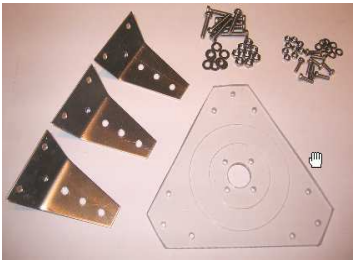


Focal length

(Focal length: the distance from the center of the dish to the front of the feed.)

DISH SIZE	F/D=0.40	F/D=0.45	F/D=0.50
2.4 meter	96 cm	108 cm	120 cm

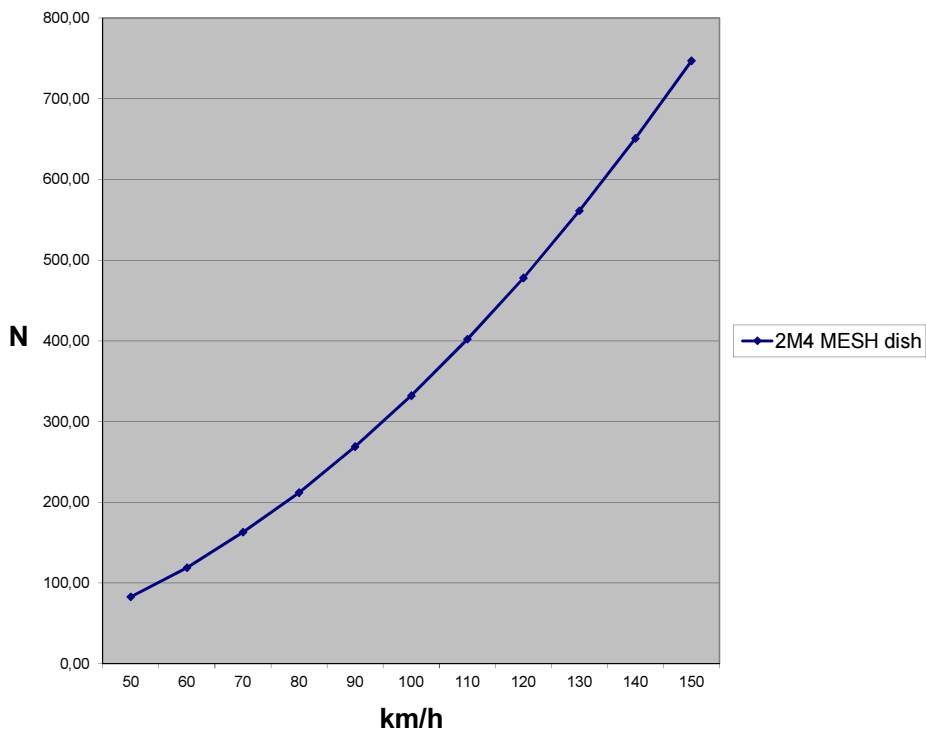
Available RF HAMDESIGN - DISH KIT Accessories

<p>Clamp used for Round RF HAMDESIGN DISH Feeds up to 5GHz. This clamp is used to place the feed in front of the dish. (Several dimensions clamp available)</p>  <p>Model Clamp: CLX-1</p>	<p>Supplied including all parts. Material used: UV resistant POM (black), aluminum and Stainless Steel</p> 	<p>Close up mounted Dish Feed in front of a Prime focus Dish</p> 
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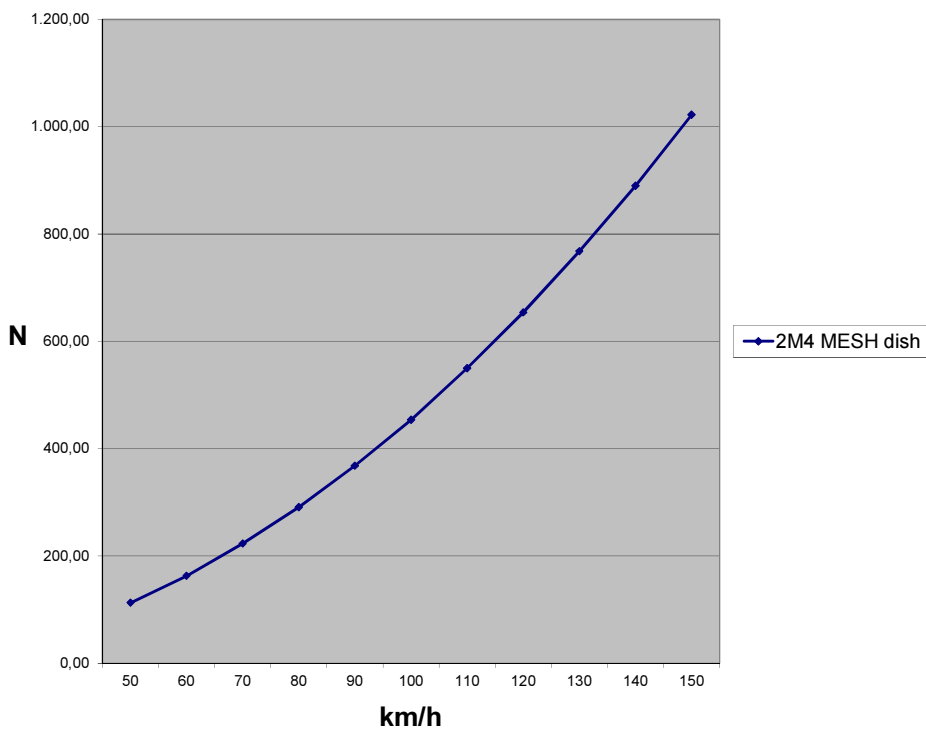
<p>Clamp for use with DISH Feeds > 5GHz This clamp is used to place the feed in front of the dish.</p>  <p>Supplied including all parts. Model Clamp: CLX-2</p>	<p>New Clamp for use with DISH Feeds > 5GHz This clamp is used to place the feed in front of the dish.</p>  <p>Supplied including all parts.</p>	<p>Picture: Dish Feed mounted in supplied clamp</p> 
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<p>Mast Clamp if > 55mm is needed</p> <p>This clamp can be mounted to the back of the 2M4 RF HAMDESIGN Dish to create a Lager diameter Pole Clamp.</p> <p>PICTURE WILL COME</p>	<p>PICTURE WILL COME</p>
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**RF HAMDESIGN
WIND LOAD - 2M4 MESH DISH 6 mm Mesh**



**RF HAMDESIGN
WIND LOAD - 2M4 MESH DISH 2.8mm Mesh**



Some Available options to Rotate the Dish

<ul style="list-style-type: none"> ➤ SPID Azimuth / Elevation rotator, 12 / 24 Volts ➤ Incl controller with built in track interface ➤ Resolution standard 1 degree / option 0.5 and 0.2 degree 	
<ul style="list-style-type: none"> ➤ Mounting bracket Dish <> Rotator ➤ Made of aluminium ➤ Stainless steel bolts ➤ Easy to mount at all SPID AZ&EL rotators 	
<ul style="list-style-type: none"> ➤ SPID Adaptor ➤ Used to place the rotator at a base plate 	
<ul style="list-style-type: none"> ➤ Power supply 110~230Volts AC ➤ Output 20-26Volts DC / 11.7Amp 	
<ul style="list-style-type: none"> ➤ 8-Core control cable, used to interface between rotor and controller. 	

Note: Prices can be found in our price list, download link at our web-site and Price List tab:
www.rfhamdesign.com