

Price list RF HAMDESIGN B.V.

Date: August 2022 v3.0

All prices are subject to change without notice

Price List Info:

- (1) EUR Incl VAT = EUROPE Price privat customers
- (2) EUR excl VAT = EUROPE Company & Export Price Outside EU.
- (3) USD \$ = Export Price Outside EU (**USD \$ can change daily**)
(USD \$ is for indication only, no rights can be derived from it)

EOL = End Of Live

RF HAMDESIGN ships daily World Wide

		EURO Incl VAT (1)	EURO Excl. VAT (2)	USD \$ Export Price (3)
DISH KIT: with 6mm square mesh, without feed (Max. freq. 6GHz) Available F/D= 0.35 / 0.40 / 0.45 / 0.50				
*Do It Your Self MESH DISH KIT, Including: 3-leg feed support, milled center, mast clamp, rivets, all nuts and bolts and mesh				
FPD 1M0 KIT	Mesh dish 1meter diameter (option available 2.8mm sq mesh / max 11GHz, add EUR 28,00)	€ 245,00	€ 202,48	\$208,55
FPD 1M2 KIT	Mesh dish 1,2meter diameter (option available 2.8mm sq mesh / max 11GHz, add EUR 38,00)	€ 280,00	€ 231,40	\$238,35
FPD 1M5 KIT	Mesh dish 1,5meter diameter (option available 2.8mm sq mesh / max 11GHz, add EUR 62,00)	€ 345,00	€ 285,12	\$293,68
FPD 1M9 KIT	Mesh dish 1,9meter diameter (option available 2.8mm sq mesh / max 11GHz, add EUR 78,00)	€ 415,00	€ 342,98	\$353,26
FPD 2M4 KIT	Mesh dish 2.4 meter diameter, available F/D= 0.5/0.45/0.40 (2.8mm sq mesh / max 11GHz, add EUR 102,00)	€ 783,00	€ 647,00	\$666,41
FPD 3M0 KIT	Mesh dish 3 meter diameter, available F/D=0.4/0.45 (2.8mm sq mesh / max 11GHz, add EUR 180.00)	€ 1.467,00	€ 1.212,40	\$1.248,77
FPD 3M0 KIT/6P/DIY	6-Petal Mesh dish 3 meter diam., Shipped as DIY KIT F/D=0.45 (2.8mm sq mesh 11GHz, add EUR 180.00)	€ 1.808,95	€ 1.495,00	\$1.539,85
FPD 3M0 KIT/6P	6-Petal Mesh dish 3 meter diameter, Built up with mounted 6mm Gap mesh to 6 segments, F/D=0.45 / only available on customer request (Option 2.8mm sq mesh / max 11GHz, add EUR 150.00)	EMAIL	EMAIL	EMAIL
FPD 4M5 KIT	Mesh dish 4.5 meter diameter, F/D=0.45, Max 6GHz (2.8mm sq mesh / max 11GHz, add EUR 300.00) This 4.5Meter dish is sold as complete setup (Bundle price = Dish + Rotor + bracket + cables + controller + PSU) Please check our 4.5Meter Mesh Dish product page and download the Bundle Price Document	€ 6.520,00	€ 5.388,43	\$5.550,08
4TH-LEG	4th Leg, needed if you order dish feed bracket which needs 4 dish feed legs (for 1, 1.2, 1.5, 1.9 and 2.4 Mesh Dish)	€ 30,00	€ 24,79	\$25,53
CLX-10	Adaptor Bracket if you want to mount a Mesh Dish on > 55mm diameter pole.	EMAIL	EMAIL	EMAIL
BR-08	Adaptor plate BR-08 is used to interface RF HAMDESIGN Mesh Dish (max 1.9M) with a SPX-01 or SPX-02 rotor	€ 29,00	€ 23,97	\$24,69
BR-50	Fixed Dish mounting Bracket, can be fixed set to 0 - 90 degree elevation (1, 1.2, 1.5, 1.9 Meter Mesh Dish)	€ 79,00	€ 65,29	\$67,25
BR-50/B	Fixed Dish mounting Bracket, can be fixed set to 0 - 90 degree elevation (2.4 & 3.0 Meter Mesh Dish)	€ 135,00	€ 111,57	\$114,92

MESH2.8MM	MESH 2.8mm sq / Max 11GHz, (size: 1Meter high - Max. length 25 meter) Price / Meter	€ 26,00	€ 21,49	\$22,13
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EME DISH KIT Bundle full Package / Setup supplied incl all needed setup parts.

1M9 EME	EME full Setup 1.9 Meter Mesh Dish / Rotor / Circular Dish feed / etc etc (Refer Bundle price Specifications PDF)	€ 3.255,00	€ 2.690,00	\$2.770,70
2M4 EME	EME full Setup 2.4 Meter Mesh Dish / Rotor / Circular Dish feed / etc etc (Refer Bundle price Specifications PDF)	€ 3.629,00	€ 2.999,00	\$3.088,97
3M0 EME	EME full Setup 3,0 Meter Mesh Dish / Rotor / Circular Dish feed / etc etc (Refer Bundle price Specifications PDF)	€ 4.970,00	€ 4.107,00	\$4.230,21

DISH KIT: Multi Band Mesh dish inc. RING Feed and 6mm square mesh F/D=0.45

*Do It Your Self MESH DISH KIT, Including: 3-leg feed support, milled center, mast clamp, feed clamp, rivets, all nuts and bolts and mesh

FPD 1M0 DB KIT	1meter, DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 1 Connector type feed	€ 409,00	€ 338,02	\$348,16
FPD 1M0 2313 KIT	1meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 2 separate connector for each band	€ 431,00	€ 356,20	\$366,88
FPD 1M0 23139 KIT	1meter TRI BAND ring dish feed 23, 13 & 9cm (1296 & 2320 & 3400MHz) 3 separate conn. for each band	€ 451,00	€ 372,73	\$383,91
FPD 1M0 23136 KIT	1meter TRI BAND ring dish feed 23, 13 & 6cm (1296 & 2320 & 5760MHz) 3 separate conn for each band	€ 431,00	€ 356,20	\$366,88
FPD 1M2 DB KIT	1,2meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 1 Connector type feed	€ 444,00	€ 366,94	\$377,95
FPD 1M2 2313 KIT	1,2meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 2 separate connector for each band	€ 466,00	€ 385,12	\$396,68
FPD 1M2 23139 KIT	1,2meter TRI BAND ring dish feed 23, 13 & 9cm (1296 & 2320 & 3400MHz) 3 separate conn for each band	€ 486,00	€ 401,65	\$413,70
FPD 1M2 23136 KIT	1,2meter TRI BAND ring dish feed 23, 13 & 6cm (1296 & 2320 & 5760MHz) 3 separate conn for each band	€ 486,00	€ 401,65	\$413,70
FPD 1M5 DB KIT	1,5meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 1 Connector type feed	€ 509,00	€ 420,66	\$433,28
FPD 1M5 2313 KIT	1,5meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 2 separate connector for each band	€ 531,00	€ 438,84	\$452,01
FPD 1M5 23139 KIT	1,5meter TRI BAND ring dish feed 23, 13 & 9cm (1296 & 2320 & 3400MHz) 3 separate conn for each band	€ 551,00	€ 455,37	\$469,03
FPD 1M5 23136 KIT	1,5meter TRI BAND ring dish feed 23, 13 & 6cm (1296 & 2320 & 5760MHz) 3 separate conn for each band	€ 551,00	€ 455,37	\$469,03
FPD 1M9 DB KIT	1,9meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 1 Connector type feed	€ 579,00	€ 478,51	\$492,87
FPD 1M9 2313 KIT	1,9meter DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 2 separate connector for each band	€ 601,00	€ 496,69	\$511,59
FPD 1M9 23139 KIT	1,9meter TRI BAND ring dish feed 23, 13 & 9cm (1296 & 2320 & 3400MHz) 3 separate conn for each band	€ 621,00	€ 513,22	\$528,62
FPD 1M9 23136 KIT	1,9meter TRI BAND ring dish feed 23, 13 & 6cm (1296 & 2320 & 5760MHz) 3 separate conn for each band	€ 621,00	€ 513,22	\$528,62

DISH KIT:10368MHz or 5760 MHz single band and Multi Band 10368 + 5760MHz MESH DISH, F/D=0.45 / 2.8 mm sq Mesh

FPD 1M0 D KIT	1meter Mesh Dish KIT without dish feed, Gain 5760MHz = 30.4dBd / Gain 10368MHz = 35.7dBd	€ 269,00	€ 222,31	\$228,98
FPD 1M2 D KIT	1,2meter Mesh Dish KIT without dish feed, Gain 5760MHz = 31.9dBd / Gain 10368MHz = 37.3dBd	€ 312,00	€ 257,85	\$265,59
FPD 1M0 3 KIT	1meter Mesh Dish KIT & single band ring feed 3cm (10368MHz)	€ 379,00	€ 313,22	\$322,62
FPD 1M2 3 KIT	1,2meter Mesh Dish KIT & single band ring feed 3cm (10368MHz)	€ 422,00	€ 348,76	\$359,22
FPD 1M0 36 KIT	1meter Mesh Dish KIT & DUAL band ring feed 6 & 3cm (5760 & 10368MHz)	€ 436,00	€ 360,33	\$371,14
FPD 1M2 36 KIT	1,2meter Mesh Dish KIT & DUAL band ring feed 6 & 3cm (5760 10368MHz)	€ 479,00	€ 395,87	\$407,74

DISH KIT PARTS:

FPD RIVETER	Hand riveter for use with delivered 4mm rivets DISH KIT (Hand riveter made by ETC-Tools)	€ 27,00	€ 22,00	\$22,66
SPID-ADAPT	SPID Adaption plate for use to mount rotor on base plate in tower.	€ 39,00	€ 32,00	\$32,96
FPD-BR01	SPID BIG-RAS rotator mounting bracket Rotator <> DISH	€ 149,00	€ 123,00	\$126,69
FPD-BR02	SPID RAS rotator mounting bracket Rotator <> DISH	€ 124,00	€ 102,00	\$105,06

FPD-BR03	SPID BIG-RAS/HR rotator mounting bracket Rotator <> 4M5 DISH incl mounting pipe	€ 196,00	€ 161,50	\$166,35
FPD-BR50	Fixed Mesh Dish mounting Bracket (1, 1.2, 1.5, 1.9Meter Dish)	€ 79,00	€ 65,29	\$67,25
CLX-10	Adaptor Bracket if you want to mount a Mesh Dish on > 55mm diameter pole. (1, 1.2, 1.5, 1.9M Mesh Dish)	EMAIL	EMAIL	EMAIL

DISH FEEDS

FPF HORN 23	Horn feed 23cm for F/D=0.45, water proof, N-connector F, 50 ohm, max 1Kw (ex CLX1)	€ 188,00	€ 155,00	\$159,65
FPF HORN 13	Horn feed 13cm for F/D=0.45, water proof, N-Connector F, 50 ohm, max 1Kw (ex CLX1)	€ 164,00	€ 135,00	\$139,05
FPF HORN 9	Horn feed 9cm for F/D=0.45, water proof, N-Connector F, 50 ohm, max 1Kw (ex CLX2)	€ 152,00	€ 125,00	\$128,75
FPF HORN 6	Horn feed 6cm for F/D=0.45, water proof, N-Connector F, 50 ohm, max 1Kw (ex CLX2)	€ 123,00	€ 101,00	\$104,03
FPF HORN 3	Horn feed 3cm for F/D=0.4, delivererd inc. Teflon cap, SMA-Connector F, 50 ohm, (ex CLX2)	€ 99,00	€ 81,82	\$84,27
10HG2	Offset Dish Horn feed 10368MHz for F/D=0.6-0.7, Full CNC machined, WR90 input	€ 165,00	€ 136,00	\$140,08
24HG2	Offset Dish Horn feed 24 GHz for F/D=0.6-0.7, Full CNC machined, WR42 input	€ 165,00	€ 136,00	\$140,08
CLX1	Clamp for mounting the HORN / HELIX / RING feed in front of the dish	€ 34,00	€ 28,10	\$28,94
CLX2	Clamp for mounting the HORN feed (9/6/3cm), RING feed (6/3cm) in front of the dish	€ 30,00	€ 24,00	\$24,72
FPF RDB	DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 1 Connector type feed (ex CLX1)	€ 130,00	€ 107,00	\$110,21
FPF R2313	DUAL BAND ring dish feed 23 and 13cm (1296 & 2320MHz) 2 separate connector for each band (ex CLX1)	€ 152,00	€ 125,00	\$128,75
FPF R23139	TRI BAND ring dish feed 23, 13 & 9cm (1296 & 2320 & 3400MHz) 3 separate conn. for each band (ex CLX1)	€ 172,00	€ 142,00	\$146,26
FPF R23136	TRI BAND ring dish feed 23, 13 & 6cm (1296 & 2320 & 5760MHz) 3 separate conn. for each band (ex CLX1)	€ 172,00	€ 142,00	\$146,26
FPF R963	TRI BAND ring dish feed 3, 6 & 9 cm (10368, 5760 & 3400 MHz) 3 separate conn. for each band (ex CLX1)	€ 172,00	€ 142,00	\$146,26
FPF R231363	4 BAND ring dish feed 23, 13, 6 & 3 cm (1296, 2320, 5760 & 10368 MHz) 4 sep. Connector (ex CLX1)	€ 199,00	€ 164,00	\$168,92
FPF R231396	4 BAND ring dish feed 23, 13, 9 & 6 cm (1296, 2320, 3400 & 5760 MHz) 4 sep. Connector (ex CLX1)	€ 199,00	€ 164,00	\$168,92
FPF R2313963	5 BAND ring dish feed 23, 13, 9, 6 & 3 cm (1296, 2320, 3400, 5760 & 10368 MHz) 5 sep. Connector (ex CLX1)	€ 229,00	€ 189,26	\$194,93
FPF R3	SINGLE BAND ring dish feed 3cm (10368MHz) ATV freq available (ex CLX2)	€ 80,00	€ 66,00	\$67,98
FPF R6	SINGLE BAND ring dish feed 6cm (5760MHz) (ex CLX2)	€ 80,00	€ 66,00	\$67,98
FPF R36	DUAL BAND ring dish feed 3 & 6cm (5760 & 10368MHz) 2 separate SMA conn. for each band (ex CLX2)	€ 137,00	€ 113,00	\$116,39
LH-13XL	LHCP or RHCP HELIX dish feed 2.1 - 2.7GHz N-Connector, also available for other freq. (need clamp: CLX1)	€ 121,00	€ 100,00	\$103,00
LH-23XL	LHCP or RHCP HELIX dish feed 1.4 - 1.8GHz N-Connector, also available for other freq. (need clamp: CLX1)	€ 121,00	€ 100,00	\$103,00
LH-ISS	LHCP HELIX ISS HAM TV Dish feed 2.4 - 2.5 GHz (need clamp: CLX1)	€ 121,00	€ 100,00	\$103,00
LH-24ESH	Dual Band 2.4 & 10.4GHz Dish feed (Es-Hail 2) N-Conn 2.4GHz / SMA-Conn 10.4GHz (need clamp: CLX1)	€ 198,00	€ 163,63	\$168,54
CIR-1296	Dual Mode LHCP / RHCP Dish feed, tuned at 1296MHz, RX & TX N-Connector (F) (need clamp: CLX-05)	€ 229,00	€ 189,00	\$194,67
CIR-1296/OPT1	Dual Mode LHCP / RHCP Dish feed, tuned at 1296MHz, TX 7/16-DIN / RX N-Conn. (F) need clamp: CLX-05	€ 244,00	€ 201,00	\$207,03
CIR-1700	Dual Mode LHCP / RHCP Dish feed, can be tuned from 1650 to 1750 MHz, RX & TX N-Connector (F) (need clamp: CL)	€ 229,00	€ 189,00	\$194,67
CIR-2320	Dual Mode LHCP / RHCP Dish feed, tuned at 2320MHz, RX & TX N-Connector (F) (need clamp: CLX-06)	€ 179,00	€ 147,50	\$151,93
CIR-3400	Dual Mode LHCP / RHCP Dish feed, tuned at 3400MHz, RX & TX N-Connector (F)	€ 149,00	€ 123,14	\$126,83
CIR-8500	Dual Mode LHCP / RHCP Dish feed, tuned between 9-10GHz, SMA-Connector (F) (Need bracket CLX-8500)	€ 475,00	€ 392,56	\$404,34
CIR-103	Dual Mode LHCP / RHCP Dish feed, tuned between 9.5-11GHz, SMA-Connector (F) (Need bracket CLX-103)	€ 475,00	€ 392,56	\$404,34
CLX-05	Dish Feed Bracket, CNC milled, ready to place CIR-1296 in front of the dish using 4-leg support	€ 164,00	€ 135,00	\$139,05
CLX-06	Dish Feed Bracket, CNC milled, ready to place CIR-2320 in front of the dish using 4-leg support	€ 149,00	€ 123,00	\$126,69
CLX-06/A	Dish Feed Bracket, CNC Milled, Used to place CIR-2320 in front of the dish into CLX-05 bracket	€ 125,00	€ 103,00	\$106,09

CLX-07	Dish Feed Bracket, CNC milled, ready to place CIR-1700 in front of the dish using 4-leg support	€ 164,00	€ 135,00	\$139,05
CLX-08	Dish Feed Bracket, CNC milled, ready to place CIR-3400 in front of the dish using 4-leg support	€ 149,00	€ 123,14	\$126,83
CLX-2400	Dish Feed Bracket, CNC milled, ready to place Dual Band 2.4+10GHz Es-HailSat Dish feed, 3-leg model	€ 59,00	€ 48,76	\$50,22
CLX-8500	Dish Feed Bracket, CNC milled, to place CIR-8500 in front of the dish using 4-leg support	€ 149,00	€ 123,14	\$126,83
CLX-103	Dish Feed Bracket, CNC milled, ready to place CIR-103 in front of the dish using 4-leg support	€ 149,00	€ 123,14	\$126,83

3dB Hybrid Ring Couplers

FPQ RING23	23cm 3dB Hybrid RING coupler, max 1kW, N-Female in Milled aluminium housing	€ 167,00	€ 138,00	\$142,14
FPQ RING13	13cm 3dB Hybrid RING coupler, max 1kW, N-Female in Milled aluminium housing	€ 152,00	€ 125,00	\$128,75
FPQ RING9	9cm 3dB Hybrid RING coupler, max 1kW, SMA-Female in Milled aluminium housing	€ 121,00	€ 100,00	\$103,00

Directional couplers N-Connector & 7/16DIN Model

FPR 144	Directional coupler, 144 – 432MHz, Max 1 kW, 2x N-Connector female	€ 99,00	€ 81,00	\$83,43
FPR 432	Directional coupler, 432 - 2320MHz, Max 1 kW, 2x N-Connector female	€ 99,00	€ 81,00	\$83,43
FPR 144/M	Directional coupler, 144 – 432MHz, Max 1 kW, 1x N-C female - 1x N-C Male	€ 115,00	€ 95,04	\$97,89
FPR 432/M	Directional coupler, 432 - 2320MHz, Max 1 kW, 1x N-C female - 1x N-C Male	€ 115,00	€ 95,04	\$97,89
FPR HP7/16	High Power Directional coupler, 50 - 3000MHz, Max 2.5kW @ 2,5GHz, 7/16-DIN Female / Female	€ 119,00	€ 98,00	\$100,94
FPR HP7/16M	High Power Directional coupler, 50 - 3000MHz, Max 2.5kW @ 2,5GHz, 7/16-DIN Female / Male	€ 119,00	€ 98,00	\$100,94

Antenna power splitters (Available for each freq. Between 50MHz up to 2500MHz)

* Made of brass, Connectors soldered, Waterproof, all splitters available with 7/16-Din female connector @ input

FPP 2W50	2 way 6m antenna power splitter, ¼ wl, N-Connector female	€ 179,00	€ 147,93	\$152,37
FPP 2W144	2 way 2m antenna power splitter, ¼ wl, N-Connector female	€ 72,00	€ 59,50	\$61,29
FPP 3W144	3 way 2m antenna power splitter, ¼ wl, N-Connector female	€ 79,00	€ 65,29	\$67,25
FPP 4W144	4 way 2m antenna power splitter, ½ wl, N-Connector female	€ 125,00	€ 103,31	\$106,40
FPP 6W/144	6 way 2m antenna power splitter, ½ wl, N-Connector female	€ 136,00	€ 112,40	\$115,77
FPP 8W/144	8 way 2m antenna power splitter, ½ wl, N-Connector female	€ 151,00	€ 124,79	\$128,53
FPP 2W432	2 way 70cm antenna power splitter, ¼ wl, N-Connector female	€ 70,00	€ 57,85	\$59,59
FPP 3W432	3 way 70cm antenna power splitter, ¼ wl, N-Connector female	€ 76,00	€ 62,81	\$64,69
FPP 4W432	4 way 70cm antenna power splitter, ½ wl, N-Connector female	€ 100,00	€ 82,64	\$85,12
FPP 6W432	6 way 70cm antenna power splitter, ½ wl, N-Connector female	€ 112,00	€ 92,56	\$95,34
FPP 8W432	8 way 70cm antenna power splitter, ½ wl, N-Connector female	€ 124,00	€ 102,48	\$105,55
FPP 2W1296	2 way 23cm antenna power splitter, ¼ wl, N-Connector female	€ 65,00	€ 53,72	\$55,33
FPP 3W1296	3 way 23cm antenna power splitter, ¼ wl, N-Connector female	€ 71,00	€ 58,68	\$60,44
FPP 4W1296	4 way 23cm antenna power splitter, ½ wl, N-Connector female	€ 88,00	€ 72,73	\$74,91
FPP 6W1296	6 way 23cm antenna power splitter, ½ wl, N-Connector female	€ 100,00	€ 82,64	\$85,12
FPP 8W1296	8 way 23cm antenna power splitter, ½ wl, N-Connector female	€ 112,00	€ 92,56	\$95,34
FPP 7/16F	7/16 DIN female connector at input, add	€ 15,00	€ 12,40	\$12,77

FPP 7/16M	7/16 DIN MALE connector at input, add	€ 20,00	€ 16,53	\$17,03
FPP N-MALE	N-Connector Male at input, (mechanically machined Radial connector R161441000W) add	€ 30,00	€ 24,79	\$25,53

SPID Standard Antenna ROTATOR incl Controller

SPID RAU	SPID AZ (hor.) ant rotor, incl. standard controller, build in interface, mouse, software, USB cable, (=Light Version RAK)	€ 675,00	€ 557,85	\$574,59
SPID RAK	SPID AZ (hor.) ant. rotor, incl. standard controller, build in USB interface, mouse, software, USB cable	€ 739,00	€ 610,74	\$629,07
SPID BIG-RAK	SPID AZ (hor.) antenna rotor, incl. standard controller, build in interface, mouse, software, USB cable	€ 980,00	€ 809,92	\$834,21
SPID RAS	SPID AZ & EL (hor. + vert.) antenna rotor, incl. standard controller, build in interface, mouse, software, USB cable	€ 1.199,00	€ 990,91	\$1.020,64
SPID BIG-RAS	SPID AZ & EL (hor. + vert.) antenna rotor, incl. standard controller, build in interface, mouse, software, USB cable	€ 1.622,00	€ 1.340,00	\$1.380,20
SPID RAEL	SPID EL (Vertical) antenna rotor, incl. standard controller (USB) and mouse	€ 655,00	€ 541,32	\$557,56
SPID MD-03	SPID MD-03 Rotor Controller for standard puls count rotors, built in track interface and firmware flashable	€ 395,00	€ 326,45	\$336,24
SPID PS-03	SPID PS-03, power supply for use with MD-03 (Desktop enclosure)	€ 475,00	€ 392,56	\$404,34
PW32015	Power Supply Unit 18 Volt / 20 Amp, For use with SPID RAS & BIG-RAS Standard rotators	€ 119,00	€ 98,00	\$100,94
PW15015LC	Power Supply Unit 13.5 - 16,5 Volt / 10 Amp DC, For use with SPID RAU, RAK, BIG-RAK & RAEL Rotators	€ 46,00	€ 38,00	\$39,14

SPID High Resolution Rotator System incl Controller

SPID RAK/HR	SPID AZ (hor.) antenna rotor, incl. controller, type MD-02, build in interface, software	€ 999,00	€ 825,62	\$850,39
SPID BIG-RAK/HR	SPID AZ (hor.) antenna rotor, incl. controller, type MD-02, build in interface, software	€ 1.499,00	€ 1.238,84	\$1.276,01
SPID RAS/HR	SPID AZ & EL (hor. + vert.) antenna rotor, incl. controller, type MD-02, build in interface, software	€ 1.695,00	€ 1.400,83	\$1.442,85
SPID BIG-RAS/HR	SPID AZ & EL (hor. + vert.) antenna rotor, incl. controller, type MD-01, build in interface, software	€ 2.280,00	€ 1.884,30	\$1.940,83
HR-UPG/2	SPID Upgrade set with new Pulse count electronics and connectors IP-68 for /HR rotors	€ 225,00	€ 185,95	\$191,53
SPID MD-01	SPID MD-01 rotor controller, incl build in track interface, software, USB cable (only controller)	€ 460,00	€ 380,17	\$391,57
SPID MD-02	SPID MD-02 rotor controller, incl build in track interface, software, USB cable (only controller)	€ 460,00	€ 380,17	\$391,57
SPID PS-01	SPID Dual Voltage Power Supply, for use with SPID rotor and MD-01	€ 516,00	€ 426,45	\$439,24
SPID PS-02	SPID Dual Voltage Power Supply, for use with SPID rotor and MD-02	€ 516,00	€ 426,45	\$439,24

SPID ET	MD-0X Ethernet Module, ready to build into MD-01 or MD-02 controller / Because of word wide Delivery delay due to chipset shortage / SPID Ethernet module is temporarily sold and, New model Ethernet module will be available	NA	NA	NA
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SPID-CMM	Current measurement module to measure Amp's during use direct in MD-0x controllers. (Perfect to find out rotor balance) Can be used in all MD-0x controllers	€ 95,00	€ 78,51	\$80,87
MD-X15	SPID Connector Set. Spare / Extra Connector set MD-0X or PS-0X	€ 15,00	€ 12,40	\$12,77
SPID UG-2	SPID UPGRADE SET for RAS and BIG-RAS to High Resolution rotor incl MD-01 or MD-02 controller	NA	NA	NA
SPID UG-1	SPID UPGRADE SET for RAK and BIG-RAK to High Resolution rotor incl MD-01 or MD-02 controller	NA	NA	NA
HR-UPG/2	SPID Pulse Count UPGRADE SET for RAS/HR and BIG-RAS/HR - Full KIT	€ 225,00	€ 185,95	\$191,53
HR-UPG/2-DIY	SPID Pulse Count UPGRADE SET for RAS/HR and BIG-RAS/HR - Sensors NOT included	€ 129,00	€ 106,61	\$109,81
CC6-004/25	Control Sensor cable Screened for all SPID /HR Rotators 6-core 6x0,25sq.mm, Max 25 meter Length **	€ 53,00	€ 43,80	\$45,11
CC4-001/25	Control cable 4-core 4x1,5sq.mm, for all SPID /HR rotators motor control, Available in 25, 50, 75 & 100Meter length, 25mtr price =	€ 69,00	€ 57,02	\$58,74

CC6-003/50	** Sensor Control Cable Screened, needed if control cable longer than 25 meter Available 50 or 100 meter lengths. For use with all SPID High Res. Rotators. Price = 50 meter = 3x2core screened - DUAL AXES ROTOR	€ 136,00	€ 112,00	\$115,36
CC6-002/50	** Sensor Control Cable Screened, needed if control cable longer than 25 mtr Available 50 or 100 mtr lengths. For use with all SPID High Res. Rotators. Price = 50 meter = 2x2core screened - SINGLE AXES ROTOR	€ 91,00	€ 75,00	\$77,25
FWU-1100	Adaptor Cable to upload Firmware from WIN OS PC to MD-0x Controller	€ 49,80	€ 41,16	\$42,39

SPID Available Options

SPID-ADAPT	SPID Adaption plate for use to mount rotor on base plate in tower.	€ 39,00	€ 32,00	\$32,96
FPD-BR01	SPID BIG-RAS rotator mounting bracket Rotator <> DISH	€ 149,00	€ 123,00	\$126,69
FPD-BR02	SPID RAS rotator mounting bracket Rotator <> DISH	€ 124,00	€ 102,00	\$105,06
FPD-BR03	SPID BIG-RAS/HR rotator mounting bracket Rotator <> 4M5 DISH incl mounting pipe	€ 196,00	€ 161,50	\$166,35
UA-01	XXL Heavy Duty Rotor Bracket, suitable SPID RAS rotor (NO /HR system !) , supplied incl. Counter Weight Arms	€ 449,00	€ 371,00	\$382,13
UA-02	XXL Heavy Duty Rotor Bracket, suitable for all SPID & SPID/HR rotators, supplied incl. Counter Weights Arms	€ 499,00	€ 412,40	\$424,77

SPX Azimuth & Elevation Antenna Rotator System incl Controller

SPX-361	Light Rotor, AZIMUTH incl. controller, built in track interface (USB), software, USB cable, mouse.	€ 554,00	€ 457,85	\$471,59
SPX-362	Medium Duty Rotor, AZIMUTH incl. controller, built in track interface (USB), software, USB cable, mouse.	€ 636,00	€ 524,80	\$540,54
SPX-X05	SPX Connector Set. Spare / Extra Connector set SPX-361 or SPX-362	€ 6,00	€ 4,96	\$5,11
SPX-01	Light Rotor, AZIMUTH & Elevation, Incl. controller, built in track interface (USB), software, USB cable, mouse.	€ 872,00	€ 720,66	\$742,28
SPX-01/HR	Light /HR Rotor, Azimuth & Elevation incl. controller MD-01 or MD-02 (Resolution 0.2 dgr)	€ 1.150,00	€ 950,41	\$978,92
SPX-02	Medium Duty Rotor, AZ & EL incl. controller, built in track interface (USB), software, USB cable, mouse.	€ 990,00	€ 818,19	\$842,73
SPX-02/HR	Medium Duty /HR Rotor, Azimuth & Elevation incl. controller MD-01 or MD-02 (Resolution 0.2 dgr)	€ 1.216,00	€ 1.004,96	\$1.035,11
SPX-02/HR/MW	Medium Duty /HR Rotor, Azimuth & Elevation incl. controller MD-01 or MD-02 (Resolution 0.2 dgr) Solid Bracket	€ 1.499,00	€ 1.238,84	\$1.276,01
SPX-03	Heavy Duty Standard Rotor, Azimuth & Elevation incl. controller Rot2Prog (resolution 0.5 dgr)	€ 1.199,00	€ 990,91	\$1.020,64
SPX-03/HR	Heavy Duty /HR Rotor, Azimuth & Elevation incl. controller MD-01 or MD-02 (Resolution 0.2 dgr)	€ 1.550,00	€ 1.280,99	\$1.319,42
SPX-05/HR-XY	NEW in 2022: X/Y Antenna Rotor, 716Nm, IP65, incl. controller MD-01 or MD-02 (Resolution 0.1 dgr / step) / Positions control: HALL Effect Sensors	EMAIL	EMAIL	EMAIL
SPX-05/ABS-XY	NEW in 2022: X/Y Antenna Rotor, 716Nm, IP65, incl. controller MD-01 or MD-02 (Resolution 0.06 dgr / step) / Positions control: Absolute Encoders	EMAIL	EMAIL	EMAIL
SPX-06/HR/AZ&EL	NEW in 2022: Azimuth & Elevation Antenna Rotor, 716Nm, IP65, incl. controller MD-01 or MD-02 (Resolution 0.1 dgr / step) / Positions control: HALL Effect Sensors	EMAIL	EMAIL	EMAIL
SPX-06/ABS/AZ&EL	NEW in 2022: Azimuth & Elevation Antenna Rotor, 716Nm, IP65, incl. controller MD-01 or MD-02 (Resolution 0.06 dgr / step) / Positions control: Absoute Encoders	EMAIL	EMAIL	EMAIL
SPID PS-01	Dual Voltage Power Supply, for use with SPX-0X/HR rotor and MD-01	€ 516,00	€ 426,45	\$439,24
SPID PS-02	Dual Voltage Power Supply, for use with SPX-0X/HR rotor and MD-02	€ 516,00	€ 426,45	\$439,24
SPID ET	MD-0X Ethernet Module, ready to build into MD-01 or MD-02 controller / Because of word wide Delivery delay due to chipset shortage / SPID Ethernet module is temporally sold and, New model Ethernet module will be available	NA	NA	NA
SPID MOUSE	Mouse for use with MD-01 or MD-02 controller (2 Ax control possible)	€ 25,00	€ 20,00	\$20,60

MD-X15	SPID Connector Set. Spare / Extra Connector set MD-0X or PS-0X	€ 15,00	€ 12,40	\$12,77
MD-X07	7-PIN SPID /HR Sensor Connector (Spare Part) IP-68	€ 17,50	€ 14,46	\$14,89
MD-X09	9-PIN SPID /HR Sensor Position Control Cable IP-68 Connector (Spare Part)	€ 17,50	€ 14,46	\$14,89
PSU-1228	Power Supply Unit 9 - 15 Volts / 20 Amp DC, For use with all SPX Standard AZ and AZ&EL rotators (Desktop)	€ 89,00	€ 73,55	\$75,76
CC4-001/25	Control cable 4-core 4x1,5sq.mm, for NON/HR Single Axes and /HR Dual-Ax, SPX rotators: Available in 25, 50, 75 & 100Meter length, 25mtr price =	€ 69,00	€ 57,02	\$58,74
CC8-001/25	Control cable 2x4-core 1,5sq.mm, for Dual-Axes SPX Standard Rotators, Available in 25, 50, 75 & 100Meter length, 25mtr price =	€ 138,00	€ 114,05	\$117,47
CS4-001/25	Sensor Control cable Screened 4-core 4x0,25sq.mm, for SPX-01/HR and SPX-02/HR rotators , Available in 25, 50, 75 & 100Meter length, Note: 2 length needed for dual exes rotor, 25mtr price =	€ 35,00	€ 28,93	\$29,79
CC6-004/25	Control Sensor cable Screened for SPX-03/HR Rotator 6-core 6x0,25sq.mm, 25 meter Length	€ 53,00	€ 43,80	\$45,11
BR-20	SPX Heavy Duty Mast Pole Bracket, SPX-03 (This Bracket is used to mount the rotor bottom up / top down)	€ 109,00	€ 90,08	\$92,78
CWA-05	SPX Counter weight Arms, used for SPX-03	€ 112,51	€ 92,98	\$95,77
PLATE-03	SPX Mast Pole Mount Base, used for SPX-01 and SPX-02 + SPX-361 and SPX-362	€ 64,00	€ 52,89	\$54,48
PLATE-50	SPX Mast Pole Mount Base, used for SPX-03	€ 79,00	€ 65,29	\$67,25
PLATE-04	SPX Heavy Duty Mast Pole Mount Head Unit or Mount Base, for SPX-01, SPX-02, SPX-361 & 362	€ 75,00	€ 61,98	\$63,84
PLATE-05	SPX AZ Medium Duty Mast Pole Mount Head Unit, used for SPX-361 and SPX-362	€ 35,00	€ 28,93	\$29,79
GS-065	Thrust bearing for mast diameters up to 65 mm, 8 nuts, double ball bearing design, fits to PLATE-03	€ 65,00	€ 53,72	\$55,33
ARM-02	Used to mount @ side of the SPX AZ/EL rotor, SPX-01 and SPX-02	€ 45,00	€ 37,19	\$38,31
STR-00	Base Plate Mounting Bracket, Refer spec sheet SPX-rotators	€ 109,00	€ 90,08	\$92,78
PLATE-07/STR	Mast Pole Mount Bracket, to mount SPX-03 direct on a vertical pole	€ 108,90	€ 90,00	\$92,70

SPID RING Rotator System Incl Controller

RING-01	SPID RING Rotator, incl. controller, type Rot1Prog, build in interface, software	ON REQUEST		
RING-02	SPID RING Rotator, incl. controller, type Rot1Prog, build in interface, software	ON REQUEST		

Portable Tripod (four-legged frame) is suitable for both stationary and mobile applications.

STR-01	Tripod, Max hight 670 – 830mm / Max load 30kg	€ 525,00	€ 433,88	\$446,90
STR-02	4-legged frame, Max hight 1708mm / Max load 100kg	€ 1.599,00	€ 1.321,49	\$1.361,13
STR-03	4-legged frame, Max hight 1500-2500mm / Max load 100kg	€ 1.857,00	€ 1.534,71	\$1.580,75
STR-04	Tripod frame, hight mm / Max load 100kg	€ 1.599,00	€ 1.321,49	\$1.361,13

Omnidirectinal sector waveguide antenna

SL2320	2300 - 2400 MHz Slotted Waveguide Antenna	€ 230,00	€ 189,26	\$194,94
SL2320-xx	Slotted Waveguide Antennas frequency at request	EMAIL		

23cm (1296MHz) Power Aplifier

FPC 23PAD	23cm Cavity P.A. , suitable for 2x 2C39BA, 10W in / 150W out, needs 1200Volts DC (Sold Out)	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23PAE	23cm Cavity P.A. , suitable for 2C39BA, 5W in / 75W out, needs 1200Volts DC	END OF LIVE	END OF LIVE	END OF LIVE

FPC 23TUBE	2C39 PULLS, tested incl measurement report at 1296 MHz (Sold out)	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23BIAS	Bias circuit 2x 2C39 cavity P.A. (Sold out)	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23COV	Aluminium cover over cavity PA, ready to use together with centr blower. (Sold Out)	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23BLOW	Centrifugal blower, 12V/3A, Speed 3300 min. Air volume 4m3/min.	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23WAT01	2C39 Water cool jacket applied for 6mm tube, sloder type (Sold Out)	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23WAT02	2C39 Water cool jacket applied for 6mm tube, screw type. (M10 or M12 x 1) (Sold Out)	END OF LIVE	END OF LIVE	END OF LIVE
FPC 23SLUG	23cm Slug tuner, N-male / N-female, Max 1kW	END OF LIVE	END OF LIVE	END OF LIVE
FPC 13SLUG	13cm Slug tuner, N-male / N-female, Max 1kW	END OF LIVE	END OF LIVE	END OF LIVE
FPC PARTS	Teflon foil / Fingertstock / Teflon rod available, see PARTS chapter			

70cm and 2M RF-DECK PARTS

FPC 70CIL	Extra Cool cilinder, add-on GS-35B (Brass)	€ 27,00	€ 22,00	\$22,66
FPC 70PART1	Load and tune part, incl. N-connector (All Brass) 70cm (432MHz)	€ 79,00	€ 65,00	\$66,95
FPC 70PART2	GS-35 ADD-ON cilinder, a connection for a round Andode line (Brass)	€ 70,00	€ 57,50	\$59,23
FPC 2PART1	Load and tune part, incl. N-connector (All Brass) 2m (144MHz)	€ 79,00	€ 65,00	\$66,95
FPC2M-7/16	Load Part, incl. 7/16 DIN connector Female (All Brass) 2m (144MHz)	€ 121,00	€ 100,00	\$103,00
FPC 70CM-7/16	Load Part, incl. 7/16 DIN connector Female (All Brass) 70CM (432MHz)	€ 121,00	€ 100,00	\$103,00

Power supply - professional - closed module style

PW32027	Power Supply Unit 24-30Volt / 11.7Amp, (320W) Enclosed SALE PRICE !	€ 59,00	€ 48,00	\$49,44
PW15024	Power Supply Unit 21-26Volt / 6.5 Amp, (150W) Enclosed SALE PRICE !	€ 39,00	€ 32,00	\$32,96
PW50027	Power Supply Unit 24-30Volt / 18Amp (500W) Enclosed NEW !!	€ 172,00	€ 142,00	\$146,26
PW75027	Power Supply Unit 24-30Volt / 27,8Amp (750W), Enclosed NEW !!	€ 284,00	€ 234,00	\$241,02
PW150027	Power Supply Unit 24-30Volt / 56 Amp (1500W), Enclosed NEW !!	€ 528,00	€ 436,00	\$449,08
PW300024	Power Supply Unit 22-28Volt / 125Amp (3000W), Enclosed NEW !!	€ 783,00	€ 647,00	\$666,41

PARTS: Teflon Pure PTFE White FOIL (other dimensions at request)

FPT 2530	Teflon foil 0.25mm thickness, 25 x 30cm	€ 6,00	€ 4,50	\$4,64
FPT 5030	Teflon foil 0.25mm thickness, 25 x 60cm	€ 13,00	€ 10,00	\$10,30
FPT 25302	Teflon foil 0.5mm thickness, 25 x 30cm	€ 12,00	€ 9,45	\$9,73
FPT 50302	Teflon foil 0.5mm thickness, 25 x 60cm	€ 25,00	€ 20,00	\$20,60
FPT 2530/1mm	Teflon foil 1mm thickness, 25 x 30cm NEW !!	€ 25,00	€ 20,00	\$20,60
FPT 5030/1mm	Teflon foil 1mm thickness, 25 x 60cm NEW !!	€ 49,00	€ 40,00	\$41,20

PARTS: Teflon Pure PTFE White round rod

FPT 15mm	Teflon round rod 15mm, 20cm length	€ 8,00	€ 6,00	\$6,18
FPT 20mm	Teflon round rod 20mm, 20cm length	€ 13,00	€ 10,00	\$10,30
FPT 40mm	Teflon round rod 40mm, price / 10cm	€ 18,00	€ 14,28	\$14,71

PARTS: Fingerstock of beryllium copper and silver plated				
FPF ST50	Fingerstock, 50cm length	€ 33,00	€ 27,00	\$27,81
FPF KT50	Fingerstock, 50cm length	€ 38,00	€ 31,00	\$31,93
Aluminium Welding (rods are approx. 450mm in length and 3 to 3,5mm diameter) <<<< NEW >>>> WWW.DURAFIX.NL				
ALS-05	5 pcs rod each 45cm long	€ 24,00	€ 19,83	\$20,42
ALS-10	10 pcs rod each 45cm long	€ 32,00	€ 26,44	\$27,23
ALS-20	20 pcs rod each 45cm long, inc stainless steel brush.	€ 49,00	€ 39,67	\$40,86
ALS-40	40 pcs rod each 45cm long, inc 2pcs stainless steel brush.	€ 90,00	€ 74,38	\$76,61
ALS-60	60 pcs rod each 45cm long, inc 3pcs stainless steel brush.	€ 131,00	€ 108,26	\$111,51
ALS-100	100 pcs rod each 45cm long, inc 4pcs stainless steel brush.	€ 201,00	€ 166,11	\$171,09

RF HAMDESIGN B.V.

**Gauke Boelensstraat 108
NL-9203 RS Drachten
The Netherlands**

All prices are including DUTCH V.A.T. 21%.

Prices for foreign customers

Inside EU:

Private customers inside of EU countries will be treated as domestic customers, they will be charged with our DUTCH V.A.T. of 21% which is included in our price list.

No V.A.T. applies, if you are inside the EU countries and holding a V.A.T. number (divide listed prices by 1,21)

*** Outside EU:**

Our prices are including 21% DUTCH V.A.T. which is not to be paid by foreign customers.

Please deduct DUTCH V.A.T. which is included in the price list. (divide listed prices by 1,21)

Payment:

Deliveries abroad are only effected against advance payment.
Upon receipt of your order we will send you an (proforma) invoice.

Payment by Bank transfer:

As soon as the invoice amount in **EURO €** is transferred and cleared to our bank account the ordered goods will be immediately dispatched ex Drachten stock unless a delivery period has been agreed in writing. Bank charges are always to be taken over by the customer

Payment through PayPal / Credit Card:

You can pay securely by Credit Card (VISA, MasterCard etc) 3.9% surcharge
Note: Credit card payment, never send card number by mail, we send you a secure payment link

Payment through PayPal are accepted

Payment address PayPal: **sales@rfhamdesign.com (3.9% surcharge)**

NOTE: All payments must be in **EURO**. (EUR)

Shipping charges: at cost