PRICE LIST (us$)

Bandpass Filters

Multi-Band Remote Switched

*** Model 600:** Six Bands 160,80,40,20,15,&10M (Requires 12VDC).....$ 449.00

*** Model 800-BPF** (Optional Control Switch for Model 600) .....$ 62.00

Single Band

*** Model 300:** Single Band: 160 thru 10M or WARC.....$ 73.00

Highpass Filter

***Model 400-HPF:** Cuts off below 1.8 MHz pass above.....$ 99.00
(Reduces or eliminates BC interference and overload.)

Portable Antenna

***Rover 6** 6M collapsable, easy assembly Portable 2 element Quad.....$ 139.00

Headphone Selector

*** Model 842**, Mix & switch headphones on 2-radios. handy for SO2R operation.....$ 68.00

Ground Buss Bar

***Type BB-02:** 22X1X0.25- in., solid aluminum w/stainless hdwe .....$ 21.00

HF TRIPLEXER

***Model 333 Decoupling Network:** Operate 10,15 & 20M simultaneously on your tribander or trap antenna. External bandpass filters required $195.00

***Model 333 Plus Decoupling Network:** includes 300 Series BPF's for 10,15, and 20M complete with double male connectors.
A $423.00 value ...Package Price.....$399.00

Prices and specifications subject to change without notice (10-15-2011)

842

2 Radio Headphone Mix & Switch

Take the headphone audio from 2 radios and combine into one stereo headphone set. You can mix or switch from one to the other . Allows you to listen to 2 bands at once and yet instantly switch to one or the other. Easy installation and operation.
ESPECIALLY HANDY FOR SO2R CONTESTING!

Inputs:
(2) 3.5mm phone jacks

Output:
(1) 1/4in stereo jack

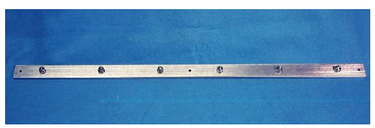
Dimensions: 2.0X4.75X4.0 in. Ship weight 1-lb.

BB-02

Ground Buss Bar

Grounding is the first step in reducing IMD, as well as being a safety must in every station. This versitile buss bar mounts easily and simplifies your grounding system. It can be used directly on your operating desk or table or anywhere in the shack.

The BB-02 is 22-inches long with 6 - #10-32 stainless steel studs spaced along its length for ease of connection and lots of room . The base material is 1.0 X 0.25 inch solid aluminum bar stock for large cross section and excellent conductivity. Ship weight 1-lb.

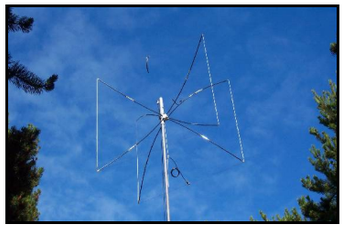


Dunestar

Dunestar Systems, P.O. Box 37, St. Helens, Oregon 97051

Rover 6

Portable 6M Quad



The Rover 6 is a light weight easy to assemble and disassemble 2 element Quad for 6M 'Rover' and portable operation. It can be put up or down in very short time and goes together right each time due to the unique mechanical design. No need to juggle hardware as the hub, spreaders and preformed loops are designed to assure correct alignment. It has a small foot print and low wind resistance making it possible for one person to raise and lower.

Sturdy enough for permanent installations, it can be rotated by even the smallest TV-type rotor or by traditional 'Armstrong' rotatation in the field. Excellent performance in a small package.

The Rover 6 is made of fiberglass spreaders and a Delrin plastic hub. This keeps the mechanical structure strong and light weight. The loops are of flexible multistrand, tinned copper wire to withstand the elements and the mechanical stresses of portable/Rover operations.

Attaching loop to spreader is quick and accurate.

Final ground assembly

The fiberglass spreaders store in 2-sections and then slide together in use. The Delrin hub holds mounting hardware as well as the mounting sockets for the spreaders.

When ready to travel, the Rover weighs in at 4 pounds and is approximately 2 feet long and 4 inches in diameter, A great companion for the current crop of ultra portable all-band multimode rigs.

333 / 333 Plus

the K6KV

HF Triplexer

for 10, 15 & 20M

use with the BPF's you already have

The 333 is based on the work of Gary Gordon, K6KV as presented in the June 2010 QST Magazine article "**HF Yagi Triplexer Especially for ARRL Field Day**".

Applications range from Field Day, to Emergencies, to contesting, to DXpeditions. The Triplexer effectively makes one tower and a tribander into 3-towers and 3-yagis, while adding only a 3x5x7 inch aluminum box, weighing less than 2 pounds, to your equipment list. Works well with trap Dipoles and Verticals too.

333 Plus

Triplexer package complete with Dunestar 300-series BPF's for 10, 15, & 20M and coupling connectors

Specifications:

Input and outputs: 50-ohms nominal
Insertion loss: 0.3-0.4 db typical
Attenuation to adjacent band: typically 12 dB in addition to that of the bandpass filters".
Power: 200W PEP intermittent
Connectors: UHF type
Dimentions: HWD 3 x 5 (+ 1-In flange) x 7 inches
Weight: 1 lb, 5 oz

300

Single Band Bandpass Filters

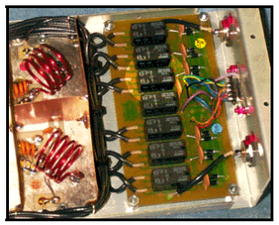
Single Band, Self-contained. Available for 160, 80, 40, 20, 15, 10M or WARC bands. This is the same module used in our Model 600 . No adjustments required, just install in-line between transceiver and antenna or amplifier and you are ready to go.

Dimensions: HWD 2.05 X 6.0 X 2.15 Inches (including mounting flange). Ship Weight: 1-lb.

600

Multi Band Remote Switched Bandpass Filters

Six band, (160, 80, 40, 20, 15 and 10 Meters) remote switched operation for maximum operating convenience. Reduces or eliminates IM and phase noise problems encounted in heavy RF enviroments. A must for contest and Field Day operations or anywhere two or more transmitters are operated in close proximity. Rated 200 Watts PEP, maximum SSB and CW for operation with transceivers. Easy installation with automatic By-Pass and Failsafe built-in. 12 VDC operation for compatibility with other station accessories. Activation is jumper selectable for either positive (positive applied to line) or negative (closure to ground) keying, allowing compatibility with most of the antenna switches and interfaces now on the market or with your personal switching arrangement. Connection is via a single DB9 connector for band selection and power input. Switching can be tracked with your transceiver band switching through use of an interface, or combined with your antenna remote switching. Switching examples are included in the instructions. Operates in-line between transceiver and antenna or amplifier. (see Additional Info section). Construction: Modular, Glass Epoxy PC boards, High-Q Capacitors and Inductors, Aluminum Enclosure. Dimen-



Left- Model 600 switchboard and front panel. Highlighted is one of the sealed individual band relays. Also visisble is the 10M filter module.

General Specifications:

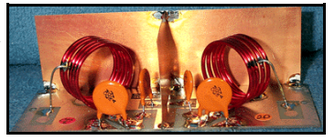
(applies to 600/300 Bandpass Filters)

Insertion : Typical, 0.5-.7db
Rejection: Typical, 40db band-to-band
Bandwidth: VSWR <1.5/1 typical

160M	1.8 - 1.93
80M	3.5 - 3.85
40M	7.0 - 7.30
20M	14.0 - 14.35
15M	21.0 - 21.50
10M	28.0 - 28.70

50 Ohm In and Out , Connectors: UHF

The filters are top-C coupled. Hi-Q capacitors and inductors are used for tuned circuits. Both single and multiband filters are constructed on glass-epoxy PC boards. Inputs and outputs are at DC ground potentials. In the Multi-Band models, bandswitching is accomplished through individual DPDT relays for each section. Relays are powered by 12-VDC source. An additional relay acts as a by-pass when power is removed or when no section is selected. This provides a "Failsafe" in that, loss of +V at anytime causes straight thru connection. All control lines are decoupled.



POWER RATINGS: These filters are intended for use with transceivers. This is not to imply a 100% duty cycle. For example, if you were to operate RTTY (100% duty) as much heating would occur as if you run SSB speech (50% duty) at the same power for twice that length of time. With compression, average power increases to 60-80% duty. CW average power is roughly comparable to speech.

VSWR CONSIDERATIONS: VSWR can have a profound effect on the RF voltages and currents appearing in the bandpass filter. The better the SWR, the less likely you will be to experience difficulties. Every effort should be made to maintain minimum VSWR.

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800-BPF

Control Switch for Model 600

The 800-BPF is the optional manual control switch for the 600. It allows switching of all bands in the Model 600 Multiband system. It is housed in an aluminum enclosure.

The 600 can also be operated in unison with most remote antenna select systems as well as the interfaces in some amplifiers.

400-HPF

Highpass Filter (1.8MHz and Up)

The 400-HPF is a 7-pole filter designed to reduce or eliminate broadcast band interference and overload. The 400-HPF *closes the door on BC signals* allowing you to fully utilize your high sensitivity receiver . It is the same physical size and appearance as the Model 300.

The roll off is very steep below 1.8MHz. Minimum attenuation below 1.6MHz is 40-db at 1.0MHz. Insertion loss is typically .7-.9db above 1.8MHz..

Dimensions: HWD 2.0 X 6.0 X 1.75 Inches (including mounting flange). Ship Weight: 1-lb.

Dunestar

Order Line
1-800-457-1690
Phone/FAX 503-397-2918