



ATV Gear in the 33, 23 & 13cm Bands

Did you know you can run full duplex or repeat with your 70 CM ATV system by simply adding a crossband system? Link weather radar or Space Shuttle NASA select satellite video to your local ATV repeater or base 70 cm station - over 40 miles snow free using the RTX23-.1 transmitter and 3340PA amp and loop Yagi's line of sight. Sure the 1200 MHz band goes 1/3 the distance of the 400 MHz band, and 2.4 GHz 1/6 given the same power and antenna gain, but you can make up for most of that with smaller but higher gain beams and an antenna mounted preamp. Standard ATV is AM and uses a regular TV set, however FM ATV can be used on the higher bands where there is the 20 MHz bandwidth required. AM is better for weak signal DX and FM is better between 5 to 200 uV, in the same band with 4 MHz deviation.

TRANSMITTER's for the 902-928 and 1240-1300 MHz bands:

Sorry, we are out of stock. If the economy turns around, we may again have ATV transmitters for these bands. We suggest checking on eBay for our model TX or RTX-33 or 23 , or listing your wants on the www.qrz.com Online Swapmeet.



TVC-9S or TVC-12S Downconverter

RECEIVING on the 902-928 and 1240-1300 MHz bands:

TVC-9S Downconverter 902-928 MHz band to AM TV channel 3 std., or 4\$159
5 crystal locked channels - 910.25, 911.25, 913.25, 919.25 & 923.25 MHz.

TVC-12S Downconverter 1240-1300 MHz band to AM TV channel 8 std, or 7\$159
5 crystal locked channels - 1241.25, 1253.25, 1265.25, 1277.25 & 1289.25 MHz.
Ch3 output adds \$25.

Rch3 Channel 3 Receiver provides A/V output when connected to a downconverter...\$89
Great for driving a video monitor or camcorder. See catalog page 3.



Directive Systems Loop Yagi
Horizontal or Vertical end mounting 6 ft. boom.

ANTENNAS for the 900, 1200 and 2400 MHz bands:

33CM, OMNI Horizontal, OAL Nano Wheel or 23CM Mini Wheel antenna\$60

33/23CM, dual band, OAL 900/1200 MHz band Helix, circular pol., 14.5 dBc, 36"...\$200

23CM, CORNER REFLECTOR OAL TCR-23 8 dBd, 90° beamwidth, N jack, 12"x9"...\$105

23/13CM, dual band, OAL 1.2/2.4 Helix, circular polarized, 14.5 dBdc, 24".....\$200

Single 50 Ohm type N feed covers both 23 and 13cm bands, end mounting mast clamp.

OAL 2x70cm50 Ohm Splitter for stacking 2 antennas.\$65

4X70cm Splitter 4 way....\$80

70cm splitter also works on 23cm. 900 MHz band versions available.



OAL TCR-23
Corner Reflector



OAL Wheel
Horizontal Omni



OAL 1.2/2.4 GHz Helix
for ATV or Satellite



Splitter

We suggest the Directive Systems Loop Yagi antennas for 33cm and 23cm beams.

Please contact them directly as we no longer stock them - www.directive-systems.com

For vertical omni antennas we suggest the 33cm Comet KP-20 and 23cm Comet GP-21.

Check with HRO, AES or your favorite ham store as a stocking source.

2390-2450 MHz Ham Band

2400VH-1 FM ATV Transmitter, 1 Watt, 4 channels, A/V RCA jack inputs.....\$319

Primary frequencies 2398, 2417, 2430, 2441.5 MHz. Standard 5.5 MHz sound or 6.0 add \$10.
12V wall plug supply and SMA to N adaptor included. 4 MHz deviation. A/V line inputs - you can add mic amp/AGC deviation limiter section of FMA5-G board (\$59). Add video pre-emphasis/de-emphasis if used in your area for greater DX with the PEK and DEK kits (\$15 ea).

13FMR-1 FM ATV Receiver, sensitive, 16 channels, A/V RCA jack outputs.....\$179

2398, 2417, 2430, 2441.5 MHz plus 2407, 2410, 2413, 2419, 2420, 2425, 2429, 2432, 2433, 2434, 2435 & 2442.0. & matches 2400VH-1 transmitter 5.5 MHz sound or specify 6.0 MHz and add \$10. 12Vdc wallplug power supply, rubber duck and SMA to N jack adaptor supplied.

Other 13cm ham band TX and RX frequencies can be special ordered for \$25.

We suggest the Comet GP-24 for an omni vertical antenna

DC24, 24 dB, 2.4 GHz Dish Ant.- contact Pacific Wireless directly www.pacwireless.com or 601-572-3024



2400VH-1 FM ATV
1 Watt Transmitter



13FMR-1 FM ATV
Receiver

GP-24 12.4 dBd
Comet vertical
omni ant..\$199