



## 420-450 MHz ATV DOWNCONVERTER

GET STARTED WITH ONE OF THESE TO SEE THE ACTION!



**TVC-4S**  
 ATV Downconverter  
 Plug-in and Play  
 4.7 x 3.7 x 2.1"

**ATV DOWNCONVERTER, TVC-4S** with AC supply.....\$149

This ready to go box downconverts the standard 5 420-450 MHz ham band channels - crystal locked and switch selected 421.25, 426.25, 427.25, 434.0 and 439.25 MHz - down to TV channel 3 or 4 so your TV receiver can see and hear AM ATV just like broadcast TV. Contains the very sensitive TVCX-4S board which uses a low noise HJ-Fet preamp stage and GaAsFet mixer in a rugged black die cast 4.7x3.7x2.1 inch aluminum box ready to go with 120 Vdc 60 Hz to 12Vdc 300 ma. wall plug power supply. 50 Ohm N connector antenna input and 75 Ohm F output to TV. Special input or output frequencies add \$25



Rear view,  
 Connects  
 between  
 your TV set  
 and 70cm  
 antenna.

### 902-928 and 1240-1300 MHz Band Downconverters

**ATV DOWNCONVERTER TVC-9S** with AC supply.....\$159

Same configuration as the TVC-4S but made to cover 910.25, 911.25, 913.25, 919.25, 923.25 MHz to ch 3 or 4

**ATV DOWNCONVERTER TVC-12S** with AC supply.....\$159

Same configuration as the TVC-4S but made to cover 1241.25, 1253.25, 1265.25, 1277.25, 1289.25 to ch 7 or 8. Special Ch 3 output add \$25.



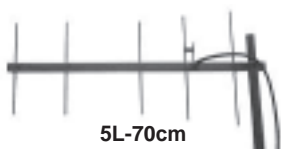
**Rch3**  
 TV Receiver  
 5 x 3.25 x 1.5"

**CHANNEL 3 RECEIVER, Rch3** with AC supply.....\$89

Allows you to connect your downconverter to this unit to get audio and line audio outputs if you prefer to drive a monitor or recorder than a TV set. Comes with the app note on adding S meter, squelch and 12Vdc. Originally imported by MCM Electronics - model 33-2060.

## ANTENNAS FOR 420-450 MHz ATV

**OAL 5L-70cm** 8 dBd gain beam, 31" boom, vertical or horizontal polarization rear mount. This antenna was specifically designed by the Olde Antenna Lab for ATV point to point, fixed at a repeater or is small enough to be portable for R/C or at public service events to minimize multipath ghosts and get some gain at the same time. Wide 60 degree beam width. Type N female connector.



5L-70cm

**5L-70cm** 5 element 8 dBd Yagi antenna, end mounted H or V .....\$80\*

**5LX** 5 element extension for the 5L, adds 3 dB gain.....\$65\*

**10L-70cm** 10 element 11 dBd gain beam, 61.5" boom, 48 deg. beamwidth.\$130\*

**MC-1.5** Mast Clamp- heavy duty for 10L or 5L in high weather areas.\$30\*

**7CP-70cm** 7 element 10 dBd circular polarized beam, 36" boom.....\$150\*

**LITTLE WHEEL** horizontal omnidirectional antenna, 14" dia.....\$60\*

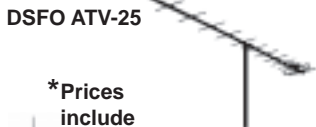
prices include priority mail shipping in the contiguous USA



Wheel

**DIRECTIVE SYSTEMS DSFO ATV- 25** 16 dBd gain, 17 ft boom, center mounted.....\$194\*

Highest gain ATV beam by K1FO. The antenna, coax and tower height are the most important part of your ATV system and deserves your most care and attention. ATV antennas must have broad bandwidth in addition to high gain and low VSWR. Few other antennas work well at both 439 and 421 MHz. The gain has been proven out at VHF/UHF conference antenna measuring contests, and is not marketing hype. The DSFO ATV-25 can take up to the maximum legal power limit. Balun or matching network with female type N connector is included. We suggest using Belden 9913 (2.6 dB/100') or better 50 Ohm low loss coax or hard line. Belden 8214 (4.2 dB/100') is more flexible and is fine for runs less than 50 feet. Antenna height to get above trees is more important than coax length. Check with local ATVers to find out polarity - up to -20 dB if wrong. Always verify any new antenna system with a RF power meter for less than 10% reflected power before normal transmitting over 20 seconds. Weather-proof all outside connectors.



DSFO ATV-25

\*Prices include surface shipping in cont. USA on these drop shipped antennas

**OAL 2x70cm 50 Ohm Splitter** for stacking 2 beams...\$65\*    **4X70cm Splitter** for stacking 4 beams.....\$80\*

**DIAMOND X510NJ** dual band vertical omni, 428-442 MHz/143.5-146.5 MHz, 9.5/6.1 dBd, 17.2'.....\$219

**X510NA** dual band vertical omni, 438-450 MHz/144-148 MHz, 9.5/6.1 dBd, 17.2'.....\$209

shipping added for these two antennas