

## Equipment Prices for Antenna, Transmitters, etc

The following websites sell equipment required to set-up a community broadcasting station, either radio or television:

- <http://www.radial.ru/en/catalog/katalog.html>  
Base station antenna-feeder systems, with prices (up to \$1000)
- <http://www.antenna.be/>  
Shortwave radio broadcast antenna types, with prices (up to \$300,000), and links to manufacturers.
- <http://www.veronica-kits.co.uk/2tda.htm>  
Stacked Tuned Dipole Antenna System £ 76.46
- <http://www.kathrein.de/en/bca/index.htm>  
Broadcast antennas to your requirements
- <http://www.go2audio.com/links/progear-broadcast.html>  
List of antenna providers
- [http://www.q-par.com/pages/Reflector\\_ant.htm](http://www.q-par.com/pages/Reflector_ant.htm)  
Antenna sales
- <http://www.wlan.org.uk/antenna-page.html>  
lists sites for antenna sales
- <http://www.saunalahti.fi/~elepal/antenna1.html>  
DIY antennas
- <http://www.hyperlinktech.com/hg2415u.htm>  
HyperLink manufactures and markets a wide line of high performance products for wireless LANs including bidirectional amplifiers, antenna systems, cable assemblies, Power-over-Ethernet, lightning protection and accessories.
- <http://www.canon.com/bctv/>  
Canon Broadcast Equipment
- <http://www.4rfv.co.uk/selldefault.asp>  
TV broadcast equipment for sale
- [http://www.bcs.tv/store/prod\\_search.cfm](http://www.bcs.tv/store/prod_search.cfm)  
Broadcast store

<http://www.rf-links.com/TVBROADCASTPRICE.pdf> gives TV broadcast equipment, with prices:

### **RURAL TELEVISION TRANSMITTERS/CONVERTERS LOW COST**

#### **Mono Transmitters**

<b>MTFM/020</b>	2 Wps, input 1xA/1xV, Band I, III, IV/V, synthesized.	\$2,792
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**Mono Transmitters**

<b>MTFM/060</b>	As above with 6 Wps output.	\$3,075
<b>MTFM/120</b>	As above with 12 Wps output.	\$3,718

**Stereo/Dual-Sound Transmitters**

<b>MTFS/020</b>	2 Wps, input 2xA/1xV, Band I, III, IV/V, synthesized.	\$3,073
<b>MTFS/060</b>	As above with 6 Wps output.	\$3,312
<b>MTFS/120</b>	As above with 12 Wps output.	\$3,962

**Transposers**

<b>CLPT/020</b>	2 W output. In/out channels in I-III-IV-V Band. Synthesized.	\$2,756
<b>CLPT/060</b>	As above with 6 Wps output.	\$2,908
<b>CLPT/120</b>	As above with 12 Wps output.	\$3,682

[http://www.ntia.doc.gov/ptfp/application/EquipCost\\_TV.html](http://www.ntia.doc.gov/ptfp/application/EquipCost_TV.html) gives product descriptions and prices:

**100-Watt UHF Translator Station (TV)**

<b>QTY</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
1	100-watt translator with spare parts kit and spare tube	\$25,000
1	Omnidirectional slot antenna	4,500
100'	Transmission line connectors and hangers	1,000
100'	Television tower	8,000
1	Tower foundation	3,500
1 lot	Tower installation, including mounting antenna and line	6,500
1	Off-air receive antenna and line	500
1 lot	Translator installation	1,500
1	Equipment shelter	17,500

**Production Control and Studio Equipment (TV)**

<b>QTY</b>	<b>DESCRIPTION</b>	<b>PRICE</b>
3	Studio CCD 16 x9 Switchable cameras w/lenses	\$600,000
3	Pedestals and Mounting Heads for cameras	90,000
1	Basic digital capable production video switcher	160,000
3	Digital capable videotape recorders with monitoring	255,000
1	Digital Format Converter/upconverter	70,000
1	Character generator/Graphics Station	100,000
1 lot	Dual channel still store	50,000
12	Black and white monitors	18,000
2	Color monitors 16 x 9 (preview and line)	36,000
1 lot	Intercom system	25,000
1	Production audio console	80,000
2	Production control speakers	3,000

2	Studio monitor speakers	1,000
2	Studio color monitors	10,000
1 lot	Assorted microphones	10,000
1 lot	Production and master control headsets and headphones	1,500
1 lot	Production lighting board and grid, including installation	100,000
1 lot	Production light fixtures	75,000
1 lot	Miscellaneous installation materials (wire, ground strap, etc.)	15,000
1	Dual limiter for audio	2,500
1	Color 16 x 9 match monitor for video control	18,000
4	Serial component measurement sets	33,980
1	Video control serial digital matching switcher	3,595
1 lot	Production control installation	50,000
2	Dual black and white monitors	1,800

[http://www.itelcast.com/news\\_s.htm](http://www.itelcast.com/news_s.htm) gives prices for antennas and transmitters for use in rural locations:

<b>RURAL TELEVISION TRANSMITTERS</b>			
<b>COD.</b>	<b>i</b>	<b>DESCRIPTION</b>	<b>PRICE €</b>
<b>Mono Transmitters</b>			
TTRM 2		2 Wps output, input 1xA/1xV, Band I, III, IV/V, synthesized.	2.115,00
TTRM 6		As above with 6 Wps output.	2.380,00
TTRM 12		As above with 12 Wps output.	2.975,00
<b>Stereo/Dual-Sound Transmitters</b>			
TTRS 2		2 Wps output, input 2xA/1xV, Band I, III, IV/V, synthesized.	2.375,00
TTRS 5		As above with 5 Wps output.	2.645,00
TTRS 12		As above with 12 Wps output.	3.205,00
<b>Transposers</b>			
TTZR 2		2 W output. In/out channels in I-III-IV/V Band. Synthesized.	2.080,00
TTZR 6		As above with 6 Wps output.	2.345,00
TTZR 12		As above with 12 Wps output.	2.945,00

<b>TRANSMITTING ANTENNAS 45 - 1200MHZ</b>			
<b>COD.</b>	<b>i</b>	<b>DESCRIPTION</b>	<b>PRICE €</b>
<b>Note:</b>		For antenna systems computerized design please contact our Tech. Dpt.: phone ++39 0434 997667 or E-mail: itel.tech@itelcast.com	0,00
<b>Band I, 45 - 90 MHz.</b>			
TL I4 N		4 elements directive logarithmic antenna. 45 - 90 MHz, broadband. Vertical or horizontal polarization. Gain: 5.4 dB. Maximum power: 400 Wps. N connector. Aluminium. Mounting clamps included.	330,00
TPH I 716		Horizontal polarization panel antenna. Bandwidth: 12 MHz. Gain: 4.5 dB. Maximum input power: 1.5 kWps, DIN 7/16" connector. Deep galvanized steel. Mounting clamps included. The operating channel must be specified at the order.	1.020,00
TPH I 78		As above with EIA 7/8" input connector and maximum input power 2.5 kWps.	1.060,00
TPV I 716		Vertical polarization panel antenna. Bandwidth: 12 MHz. Gain: 4.5 dB. Maximum input power: 1.5 kWps, DIN 7/16" connector. Deep galvanized steel. Mounting clamps included. The operating channel must be specified at	1.020,00

		the order.	
TPV I 716		As above with EIA 7/8" input connector and maximum input power 2.5 kWps .	1.060,00
<b>Band III, 174 - 230 MHz.</b>			
TL V4 N		4 elements directive logarithmic antenna. 174 - 230 MHz, broadband. Vertical or horizontal polarization. Gain: 5.4 dB. Maximum power: 400 Wps. N connector. Aluminium. Mounting clamps included.	330,00
TY V3 N		3 elements directional antenna. 174 - 230 MHz, broadband. Horizontal or vertical polarization. Gain: 6.5 dB. Maximum input power 600 W, N connector. Mounting clamps and stainless steel accesories included.	405,00
TY V3 716		As above with DIN 7/16" input connector and maximum input power 1.2 kW .	455,00
TY V3 78		As above with EIA 7/8" input connector and maximum input power 2 kW .	500,00
TPV O 716		Panel antenna. 174 - 230 MHz, broadband. Horizontal polarization. 6.8 dB gain. Max. input power: 1.2 kW, DIN 7/16" input connector. Mounting clamps and stainless steel accesories included.	565,00
TPO 0 78		As above with EIA 7/8" input connector and maximum input power 2 kW .	595,00
TPO V 716		As above with vertical polarization and DIN 7/16" input connector. Maximum input power 1.2 kW.	600,00
TPV V 78		As above with EIA 7/8" input connector and maximum input power 2 kW .	625,00
<b>Band IV/V, 470 - 1200 MHz</b>			
TY U4 N		4 elements directive logarithmic antenna. Frequency band: 450 - 600MHz. Gain: 5.4 dB. Maximum power: 200 Wps. N connector. Aluminium. Mounting clamps included.	330,00
TY G2 4 N		As above, with frequency band: 600 - 1200 MHz.	330,00
TPO N		Panel antenna. 470 - 890 MHz, broadband. Horizontal polarization. 11 dB gain. Max. input power: 500 W, N connector. Mounting clamps and stainless steel accesories included.	510,00
TPO 716		As above with DIN 7/16" input connector and input power 1.2 kW .	545,00
TPO 78		As above with EIA 7/8" input connector and input power 2 kW .	575,00
TPV N		Panel antenna. 470 - 890 MHz, broadband. Vertical polarization. 11 dB gain. Max. input power: 500 W, N connector. Mounting clamps and stainless steel accesories included.	535,00
TPV 716		As above with DIN 7/16" input connector and input power 1.2 kW .	575,00
TPV 78		As above with EIA 7/8" input connector and input power 2 kW .	605,00