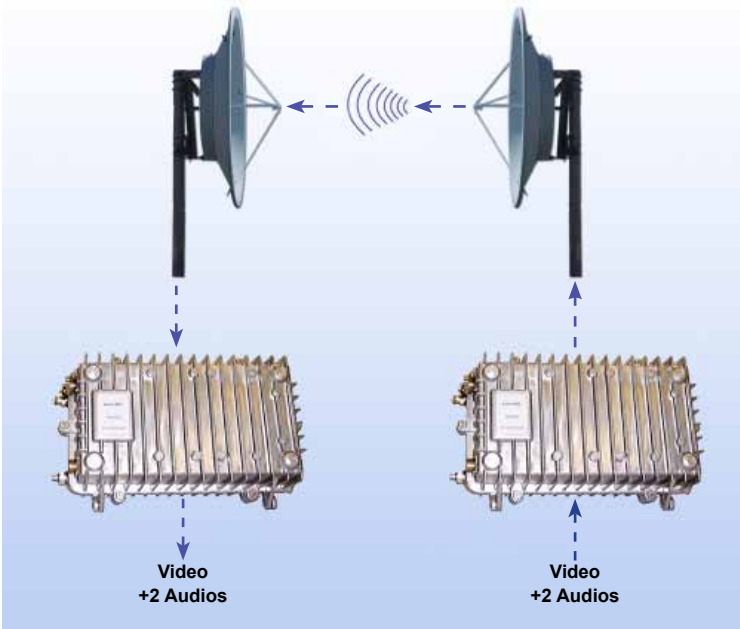


TVLINK POINT-TO-POINT TV VIDEO LINK

- **Point-to-Point Link for High Quality Video and Stereo Audio**
- **Distances of up to 60 Km**
- **Transports from one to four NTSC/ PAL analog channels with associated stereo audio**
- **Light weight, transportable**
- **FM Modulation for high quality signals**



PRODUCT APPLICATION:

The TVLINK family of products is a family of portable TV Video links designed to transport high-quality video and stereo audio channels.

The system is offered in the license-free 5740–5860 MHz band for distances of up to 60 Kilometers, and also in all licensed bands from 2 to 30 GHz.

The system transmits NTSC or PAL video channels with stereo or mono audio. It can be configured to carry from one to four video channels simultaneously.

The link includes two parabolic dish antennas which provide a very directional signal with maximum rejection of unwanted interference from nearby transmitters.

The transmitter and receiver are housed in rugged outdoor enclosures designed for transportability and ease of connection to the antennas.

Each link includes a transmitter, receiver, antennas and interconnecting RF cables.

Antenna sizes are selected for each link according to frequency and distance. The input / output is baseband analog video and audio.

TVLINK: Point-to-Point Monochannel Video Link in the License Free Band 5.8 GHz

Distance	Description
60 Km	TV Link, Model TVLINK5.8-182, 2 Watts Transmitter, two antennas of 6 fts diameter
40 Km	TV Link, Model TVLINK5.8-122, 2 Watts Transmitter, two antennas of 4 fts diameter
25 Km	TV Link, Model TVLINK5.8-092, 2 Watts Transmitter, two antennas of 3 fts diameter
15 Km	TV Link, Model TVLINK5.8-062, 2 Watts Transmitter, two antennas of 2 fts diameter
10 Km	TV Link, Model TVLINK5.8-061, 1 Watt Transmitter, two antennas of 2 fts diameter

Product Specification¹



Model TVLINK-XX

Transmitter Specifications	
Frequency Range	All bands from 2 to 30 GHz, including License-free 5.8 Band
Distance	1 to 60 Kms, depending on Options ²
Frequency Stability	0.0025%
Video Input Impedance	75 Ohms
Video Standard	NTSC/PAL with 460/525 lines horizontal resolution
Audio Input Level	1 V pp line level (each of two channels)
Audio Input Impedance	600 Ohms
DC Power	120 VAC ³
Mounting	Outdoor, parabolic dish antenna
Environmental	-30 to +55 degree Centigrade, 100% humidity
Receiver Specifications	
Receiver Sensitivity	-73 to -90 dBm depending on frequency
Channel Rejection	> 20 dB between even channels, 20 dB between odd channels and > 90 dB with 4 channel spacing
Image Rejection	> 60 dB
Signal To Noise	Video: > 45 dB with -75 dBm RF input > 40 dB with -80 dBm RF input Audio: >12 dB SINAD with -85dBm RF input
Audio Output	1.5 V pp line level typical at 600 Ohms
DC Power:	120 VAC ³
Mounting	Outdoor, Fixed antenna mount
Environmental	-30 to +55 degree Centigrade, 100% humidity

¹ Specifications subject to change without prior notice.

² Contact Cable AML for distances of more than 60 Km

³ Other voltages available