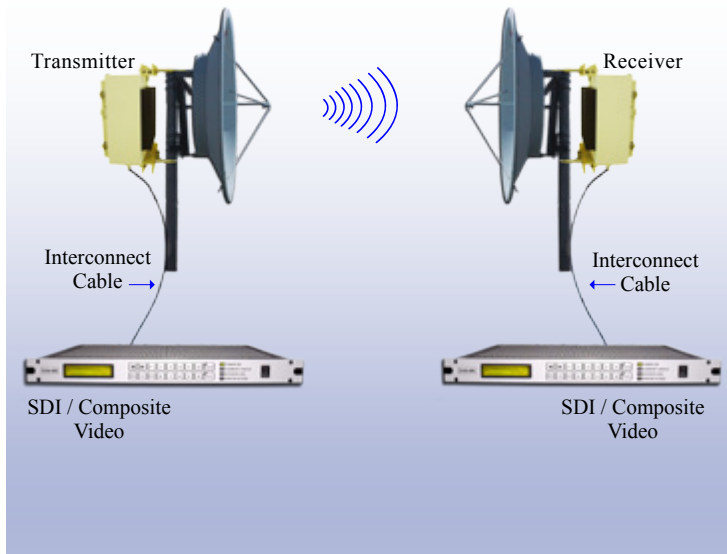


POINT-TO-POINT DIGITAL TV VIDEO LINK



- **Point-to-Point Link for Digital Video**
- **Distances of up to 50 miles (80 Kms)**
- **Transports Multiple TV Programs and Multiple ASI Data Streams**
- **Light weight, Transportable**
- **Available at any frequency between 2 and 30 GHz**

PRODUCT APPLICATION:

The DTV-LINK family of products includes fixed and portable Digital Video Point-to-Point links designed to transport multiple TV Programs or multiple data streams (ASI or SDI).

The link operates in the bands from 2 to 30 GHz and can be used at line-of-sight distances of up to 50 miles (80 Kilometers), depending on options such as frequency band, output power, modulation format and antenna size.

The baseline configuration is designed to transport from one to six video programs simultaneously. At higher microwave frequencies the radio can transport multiple data streams for applications requiring transport of more than six SD (Standard Definition) or HD (High Definition) video feeds.

Input format options include ASI, SDI NTSC / PAL baseband video and two audios or modulated digital video.

The radios are designed to accept any modulation format, including 8VSB, DVB-T (OFDM AND COFDM) and DVB-C with (16QAM, 64QAM and 256QAM).

Typically a link will have the same output format as the input, but if required, a different output format can be provided.

Frequency agility is also available in most models.

The link includes an indoor unit connected via VHF cable to an outdoor unit. The outdoor unit connects directly to the parabolic dish antenna.

The links are available in a variety of options, which include the operating frequency band, input signal format, type of modulation, number of TV programs, transmitter power, antenna size and operating voltage.

Product Specification¹

CABLE AML

Model DTVLINK-XX

Transmitter Specifications	
Frequency Range	2 to 30 GHz
Distance	1 to 50 Miles (1 to 80 Kms), depending on Options
Output Power	+17 to +40 dBm/data stream
Modulation Formats	8VSB, QPSK, 16 QAM, 64 QAM, 256 QAM, OFDM (DVB-T)
Channel Bandwidth	6 MHz, 7 MHz, 8 MHz, 15 MHz
Tunable Bandwidth	200 to 500 MHz depending on operating frequency
Step Size	6 MHz, 7 MHz, 8 MHz step size
Video Input	ASI, SDI or Baseband Video + Stereo Audio
Video Standard	SD / HD / NTSC / PAL
Receiver Specifications	
Receiver Noise Figure	2 to 7 dB depending on frequency range
Receiver Sensitivity	-76 to -92 dBm depending on options
Video Output	ASI , SDI, or Baseband Video + Audio Stereo
Mechanical and Environmental	
Mounting	Indoor Modulator/Demodulator, Outdoor enclosure integrated with parabolic dish antenna
Temperature	-30 to +55 degree Centigrade, 99% humidity
Power Requirements	90 to 250 VAC, DC powering options available

¹ Specifications subject to change without prior notice.