



- Video transmitter up to distances of 25Km.
- PAL, SECAM and NTSC compatible.
- Video presence indicator.
- Up to 10 MHz Bandwidth.
- 850nm and 1310nm versions
- Singlemode and multimode versions.
- Versions for rack mount (Pawal) and Standalone..

The TVI1 is a compound video transmitter.

It has an easy installation because is not necessary any adjustment.

This device incorporates LED indicators which provide a quick visual indication of the state of the unit.

ADILEC offers two different mechanical solutions: one to be installed in a 19" Rack Mount (PAWAL), and other one to be installed directly on the wall (Standalone).

Model	Compatible receivers	Wavelength	Connector	Fiber	Maximum loss. ¹
TVI11L11 TVI11L12	RVI11L11 RVI11L12 RVI21L11 RVI21L12	850nm	ST	62.5/125 50/125 ²	14dB (4Km)
TVI12N11 TVI12N12	RVI12N11 RVI12N12 RVI22N11 RVI22N12	1310nm	ST	62.5/125 50/125	14dB (14Km)
TVI12M11 TVI12M12	RVI12M11 RVI12M12 RVI22M11 RVI12M12	1310nm	FC-PC	9/125	10dB (25Km)

(1)Attenuations: 3dB/Km at 850nm and 1dB Km at 1310nm for 62.5/125. For 9/125 0.4dB/km at 1310nm (2)For 50/125 subtract 4dB to the maximum losses.

Electrical characteristics

Video	
Input impedance	75 Ohm
Input voltage	1Vpp-2Vppmax
Video input connector	BNC
Band range	10 Hz – 10 MHz
Power supply system	PAWAL o 12Vdc
Supply current	100mA at 12Vdc

Mechanical characteristics

Sizes RV1xx11 (rack)	35.5×129×165 mm Sub-rack 7TE,3U
Weight	470 gr
Sizes RV1xx12 (standalone)	128x39x164
Weight	580 gr

Environmental characteristics

MTBF	100.000hours
Storage temperature range	-55 to 85 °C
Operating temperature range	-20 to 70 °C
Relative humidity	95% without condensation

Application

