



- Double video receiver up to distances of 25Km.
- Automatic gain control (AGC).
- PAL, SECAM and NTSC compatible
- Up to 10 MHz Bandwidth.
- 850nm y 1310nm versions.
- Singlemode and multimode versions.
- Versions for rack mount (Pawal) and Standalone.

The RVI1 is a double video receiver with automatic gain control (AGC).

It has an easy installation because it does not require 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 another one to be installed directly on the wall (Standalone).

Model	Compatible Transmitters	Wavelength	Connector	Fiber	Maximum loss. ¹
RVI21L11 RVI21L12	TVI11L04 TVI11L11 TVI11L12 TVI21L11 TVI21L12	850nm	ST	62.5/125 50/125 ²	14dB (4Km)
RVI22N11 RVI22N12	TVI12N04 TVI12N11 TVI12N12 TVI22N11 TVI22N12	1310nm	ST	62.5/125 50/125	14dB (14Km)
RVI22M11 RVI22M12	TVI12M11 TVI12M12 TVI22M11 TVI12M12	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 be maximum losses

Electrical characteristics

Video	
Output impedance	75 Ohm
Output voltage	1Vpp-2Vppmax
Video output connector	BNC
Band range	10 Hz – 10 MHz
Signal Noise Ratio	56 dB
Sync width error	< 5.0 %
Differential gain	< 2.5 %
Differential phase	< 2°
chrominance/luminance gain	< 5 %
Supply current	140mA
Power supply system	PAWAL or 12Vdc

Mechanical characteristics

Sizes RV2xx11 (rack)	35.5×129×165 mm Sub-rack 7TE,3U
Weight	470 gr
Sizes RV2xx12 (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

