

VZE-4/M2

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VZE-4/M2

Twisted Pair Receiver (Card),

Composite and TP Input, 4x Composite Outputs

Art-Nr. 70568



Main Features

Receiver for Symmetrical Video Signals

Signal Amplification up to +30dB

4 Asymmetrical Signal Outputs

Power and Signal Loss Indication

Potentiometer for Frequency Adj. (LF, MF, HF)

Black Level Clamping

Twisted-Pair Input Galvanic Isolated

Bandwidth: 10 MHz

In/Output Short Circuit and Transient Protected

19" Rack Mountable (with VZSY-4/19")

Modular Built Housings (usable as slide carts)

Specifications

Video inputs	0.6-1.2 Vp-p, 124 ohms (symmetrical) 0.7-1.3 Vp-p, 75 ohms, (C)VBS via 15-pin Sub-D plug
Video outputs	4x 1Vp-p, (C)VBS, 75ohms (via 15-pin Sub-D plug)
Signal amplification	Adjustable
Galvanic isolation	Due to input transformer 1kV (only twisted pair input)
Signal clamping	Clamping sets video signal black level to GND
Bandwidth	10MHz
Operations	Video output amplitude, Symmetry (balance), HF, MF, NF compensation (+30 dB at range of 3 to 6 MHz)
Overvoltage protection	Ferrit cores
Signal transmission	Video
Operation mode	Active
Error output	Open collector output, 80 mA max. (ON/OFF switchable)
LED indication	Input signal loss indication = yellow LED, Power = green LED

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(Continuation Spezifications)

Supply voltage	11 ~17 VDC (via 15-pin D-Sub)
Current consumption	150 mA max.
Temperature range (Operation)	-5°C ~+55°C
Model	Module
Type of unit	Receiver
Housing	Aluminium
Weatherproof	no
Dimensions (HxWxD)	50x17.5x90 mm
Weight	100g
Special features	Sync. signal and signal loss detection

Optional accessories

70587	VZSY-4/19"	19" Card Cage Housing for 34 Twisted Pair Cards with built-in Power Supply
70583	VZZ-4/M-CB1	19" Connector Board for two VZZ-4 Carts
70584	VZS-4/M-CB1	19" Connector Board for two VZS-4 Modules
70579	VZE-4/M-CB1	19" Connector Board for two VZE-4 Modules
70586	VZSY-4/M-FR	Rack Mount Front Panel for Twisted Pair Modules VZSY-4

