



## VM-50V

### 1:5 Composite Video Distribution Amplifier

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The VM-50V is a high-performance distribution amplifier for composite or SDI signals. It takes one input, provides correct buffering and isolation, and distributes the signal to five identical outputs.

### FEATURES

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- High Bandwidth - 480MHz (-3dB).
- Looping Input.
- Selectable Input Signal Termination.
- Desktop Size - Compact size. 2 units can be rack mounted side-by-side in a 1U rack space with the optional RK-1 adapter.



## VM-50V

### TECHNICAL SPECIFICATIONS

|                         |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| INPUT:                  | 1 composite/SDI video with loop, 1Vpp/75Ω on BNC connectors with a termination switch. |
| OUTPUTS:                | 5 composite/SDI video, 1Vpp/75Ω on BNC connectors.                                     |
| MAX. VIDEO OUTPUT:      | 2Vpp.                                                                                  |
| VIDEO BANDWIDTH (-3dB): | 480MHz.                                                                                |
| DIFF. GAIN:             | 0.05%.                                                                                 |
| DIFF. PHASE:            | 0.12Deg.                                                                               |
| K-FACTOR:               | <0.05%.                                                                                |
| S/N RATIO:              | 73dB.                                                                                  |
| CONTROL:                | 75Ω termination switch.                                                                |
| COUPLING:               | AC.                                                                                    |
| POWER CONSUMPTION:      | 12V DC, 40mA.                                                                          |
| DIMENSIONS:             | 16.5cm x 12cm x 4.5cm (6.5" x 4.7" x 2.8") W, D, H.                                    |
| WEIGHT:                 | 0.62kg (1.4lbs) approx.                                                                |
| INCLUDED ACCESSORIES:   | Power supply, brackets for stacking multiple units.                                    |
| OPTIONS:                | RK-1 19" rack adapter.                                                                 |

