

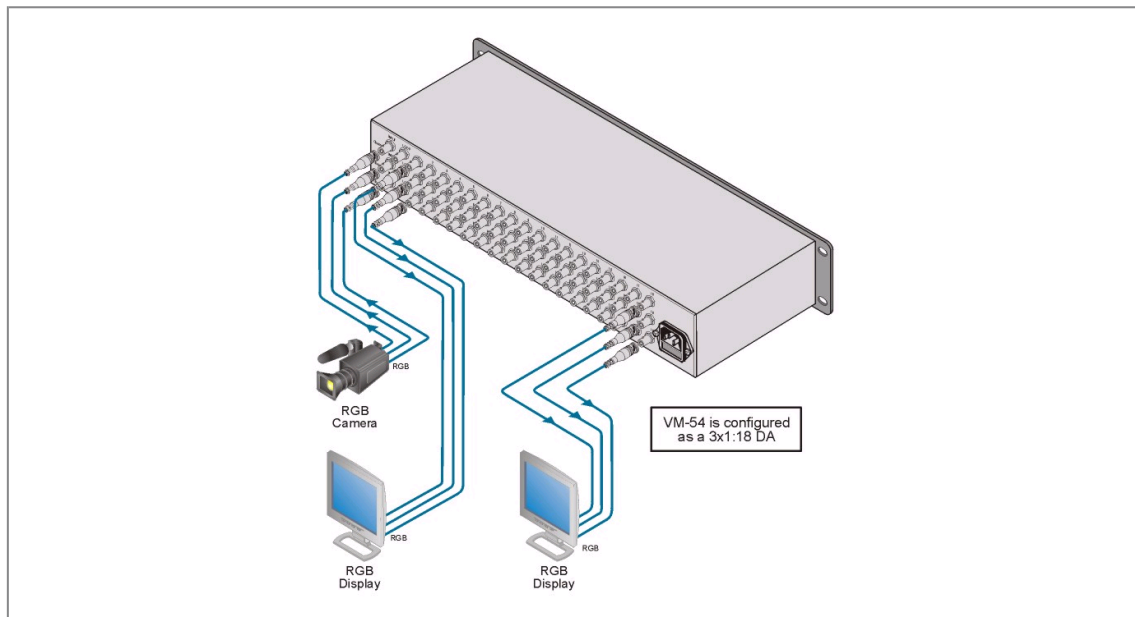


VM-54

1:54 Video/Component Distribution Amplifier



The **VM-54** is a high performance dual-mode distribution amplifier for composite, SDI, or component video signals. It can be configured as a 1:18 distribution amplifier for component (YUV) signals and provides controls to compensate for signal losses inherent in long cable runs.





VM-54

FEATURES

- High Bandwidth - 365MHz (- 3dB).
- HDTV Ready.
- Dual Mode - Configure as either a 1:54 (Composite/SDI) or 1:18 (Component) DA.
- Grouped Level (Gain) and EQ (Peaking) Controls.
- Video AC/DC Coupling Selection.
- Looping Inputs.
- Selectable Input Signal Termination.
- Standard 19" Rack Mount Size - 2U.

TECHNICAL SPECIFICATIONS

| | |
|--------------------|--|
| INPUTS: | 3 composite/component video looping, 1Vpp/75 Ω on BNCs with termination switches. |
| OUTPUTS: | 3 x 18 composite/component video, 1 Vpp/75 Ω on BNCs. |
| VIDEO BANDWIDTH: | 350 MHz -3dB |
| VIDEO S/N RATIO: | Better than 70 dB. |
| COUPLING: | AC or DC for each channel, selectable from front panel. |
| DIFF. GAIN: | 0.03 %. |
| GAIN RANGE: | -0.8 to 1.9 dB. |
| CONTROL: | Ω termination switches on each output |
| DIFF. PHASE: | 0.09 Deg. |
| EQ. RANGE: | 0 to 2.3 dB @4.4 MHz. |
| MAX. VIDEO OUTPUT: | 2 Vpp. |
| NON-LINEARITY: | 0.2% |
| K-FACTOR: | 0.05%. |
| POWER SOURCE: | 230VAC, 50/60 Hz, (115V U.S.A.) 10 VA. |
| DIMENSIONS: | 19-inch (W), 7-inch (D) 2U (H) rack mountable. |
| WEIGHT: | 4.4 kg. (9.8 lbs.) Approx. |
| ACCESSORIES: | Power cord. |