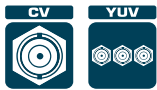


VM-54

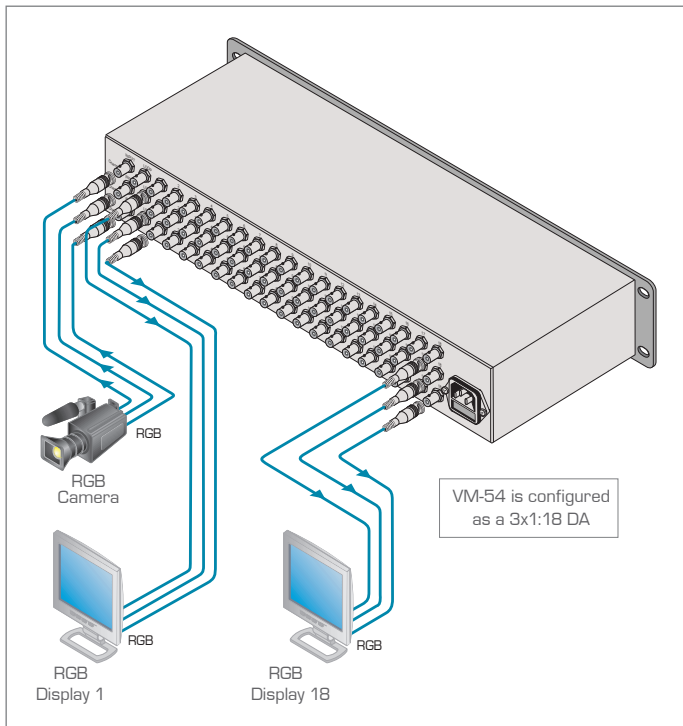
1:54 Composite Video Distribution Amplifier



The **VM-54** is a high-performance dual-mode distribution amplifier for composite, SDI, or component video signals. It can also 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.

FEATURES

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



TECHNICAL SPECIFICATIONS

INPUTS:	3 composite/component video looping, 1Vpp/75Ω on BNC connectors with termination switches.
OUTPUTS:	3x18 composite/component video, 1Vpp/75Ω on BNC connectors.
MAX. VIDEO OUTPUT:	2Vpp.
VIDEO BANDWIDTH (-3dB):	365MHz.
DIFF. GAIN:	0.03%.
GAIN RANGE:	-0.8 to 1.9dB.
DIFF. PHASE:	0.09Deg.
EQ. RANGE:	0 to 2.3dB @4.4MHz.
K-FACTOR:	<0.05%.
VIDEO S/N RATIO:	Better than 70dB.
CONTROL:	75Ω termination switches on each input.
NON-LINEARITY:	0.2%.
COUPLING:	AC or DC for each channel, selectable from front panel.
POWER SOURCE:	230V AC, 50/60Hz, (115V AC USA) 10VA.
DIMENSIONS:	19" x 7" x 2U W, D, H, rack mountable.
WEIGHT:	4.4kg (9.8lbs) approx.
ACCESSORIES:	Power cord.

