

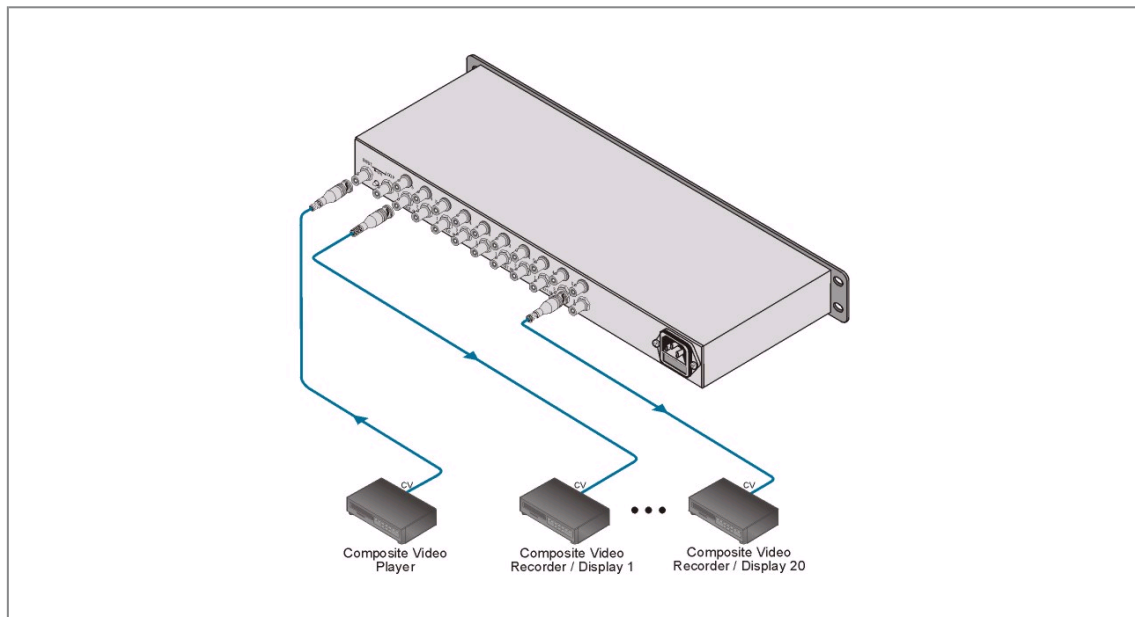


VM-1021

1:20 Video Distribution Amplifier



The **VM-1021** is a high performance distribution amplifier for composite or SDI video signals. It provides controls to compensate for signal losses inherent in long cable runs.





VM-1021

FEATURES

- Standard 19" Rack Mount Size - 1U.
- High Bandwidth - 350MHz (- 3dB).
- Grouped Level (Gain) and EQ (Peaking) Controls.
- Looping Input.
- Selectable Input Signal Termination.
- Clamping - Black or Sync Tip Selectable.
- Video AC/DC Coupling Selection.

TECHNICAL SPECIFICATIONS

INPUT:	1 composite video or a single component, looping, 1Vpp/75 Ω on BNCs with termination switch.
OUTPUTS:	20 composite /component video, 1 Vpp/75 Ω on BNCs.
VIDEO BANDWIDTH:	350 MHz -3dB.
VIDEO S/N RATIO:	Better than 74 dB
COUPLING:	AC, DC, and clamped - user selectable with front panel switches.
DC CLAMP:	0 VDC Black Level, or sync bottom TIP.
NON-LINEARITY:	0.1%
DIFF. GAIN:	0.1 %.
DIFF. PHASE:	0.07 Deg.
K-FACTOR:	<0.05%.
LEVEL CONTROL:	-1.1dB to +2.7dB with 4 trimmers accessible through front panel.
EQ. CONTROL:	0 to 2.9dB @4.4 MHz, with 4 trimmers accessible through front panel.
POWER SOURCE:	230VAC 50/60 Hz (115V U.S.A.), 6.7 VA.
DIMENSIONS:	19 inch (W), 7 inch (D), 1U (H) rack mountable.
WEIGHT:	2.6 kg (5.7 lbs.) Approx.
ACCESSORIES:	Power cord.