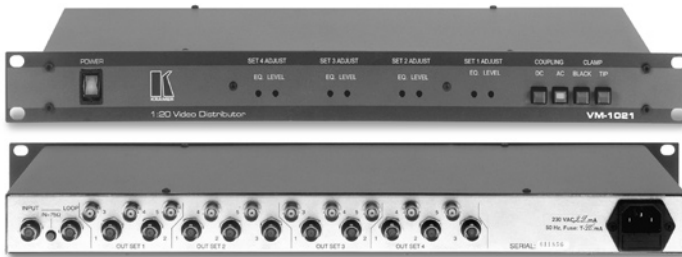


VM-1021

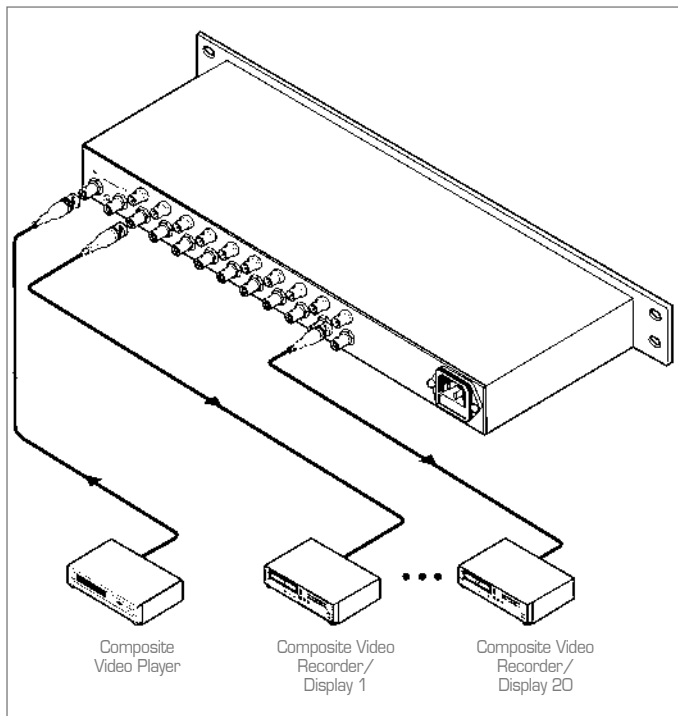
1:20 Composite Video Distribution Amplifier



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.

FEATURES

- **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.**
- **Standard 19" Rack Mount Size** - 1U.



TECHNICAL SPECIFICATIONS

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

