



VM-1021

1:20 Composite/SDI 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.



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TECHNICAL SPECIFICATIONS

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

