



123Vxl

1:3 Composite Video Differential Line Amplifier



The **123Vxl** is a high-performance line amplifier for composite or SDI video signals. It includes controls and circuitry to compensate for signal losses and noise inherent in long cable runs.

FEATURES

- High Bandwidth - 425MHz (-3dB).
- Differential Circuitry - Reduces noise & hum found in long cable runs.
- Level (Gain) and EQ (Peaking) Controls.
- Looping Input.
- Selectable Input Signal Termination.
- Compact Kramer TOOLST[™] - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

INPUT:	1 composite/SDI video with loop, differential, 1Vpp/75Ω on a BNC connector.
OUTPUTS:	3 composite/SDI video, 1Vpp/75Ω on BNC connectors.
MAX. OUTPUT LEVEL:	1.7Vpp.
BANDWIDTH (-3dB):	425MHz.
DIFF. GAIN:	0.5%.
DIFF. PHASE:	0.3Deg.
K-FACTOR:	<0.05%.
S/N RATIO:	60.3dB.
CONTROLS:	Level: -1.8dB to +5.6dB, EQ.: 0 to +15dB @5.8MHz, 75Ω termination switch.
COUPLING:	AC.
POWER CONSUMPTION:	12V DC, 80 mA.
DIMENSIONS:	12cm x 7.5cm x 2.5cm (4.7" x 2.95" x 0.98") W, D, H.
WEIGHT:	0.3kg (0.66lbs) approx.
INCLUDED ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	RK-3T 19" rack adapter.

