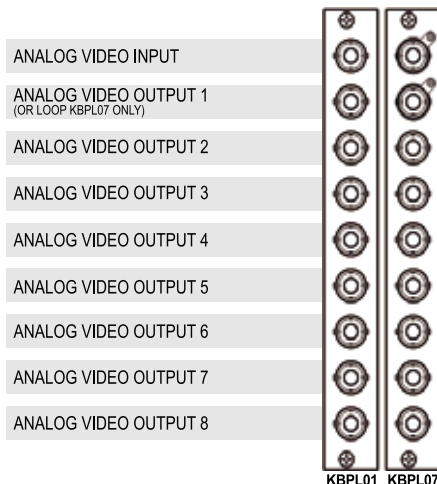


KCDV08

KCDV08
Analog video distribution amplifier with cable eq

Features

- Adjustable input gain
- AC or DC coupled
- Equalizer for up to 300 meter of RG59 or equivalent cable
- Equalizer level of up to 230%
- Floating input and loop through with KBPL07
- ± 3dB gain adjustment
- Input status detection
- Full control and status monitoring through the front panel of the KSFR08/18 frame and the Ethernet port (ACP)
Support tri level sync and NTSC/PAL video seanquad



Specifications

Analog input

| | |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input level | 700mV White to black Nominal 1V sync tip to white 75 Ohm terminated with KBPL01 Floating with KBPL07 |
| Return loss | Measured with Mini Circuits ZFDC-15-6-75 >40 dB, at 5 Mhz >36 dB, at 15 MHz >28 dB, at 30 MHz 75 Ohm terminated |
| Common mode rejection(CMR) | Measured with KBPL07 BNC input floating CM signal on both inner and outer leads. CM input impedance 5K Ohm. 10K Ohm each input to GND >68 dB, at 50Hz >55 dB, at 5 MHz >40 dB, at 15 MHz >30 dB, at 30 MHz |

Analog output with KBPL01(8x)with KBPL07

| | |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Output level | 1 V sync tip to white 75 Ohm terminated Measured with Mini Circuits ZFDC-15-6-75 >37 dB, at 5 Mhz >34 dB, at 15 MHz >29 dB, at 30 MHz Other output 75 Ohm terminated |
| DG | 0.3% |
| DP | 0.2° |

Performance

| | |
|-----------------------|------------------------------------------|
| frequency response | Within 0,4dB, 0to 5Mz |
| Signal to noise ratio | 66.5 dB. 10KHz to 6MHz, Tektronix VM700T |
| Bar tilt | 0.1 % |
| Gain stability | 1% |

Miscellaneous

| | |
|-----------------------|----------------------|
| Weight | 250g |
| Operating temperature | 0°C to +50°C |
| Dimensions | 137x296x20mm (HxWxD) |

Electrical

| | |
|---------|--------------|
| Voltage | +24V to +30V |
| Power | <5 W |