

VDA-1002

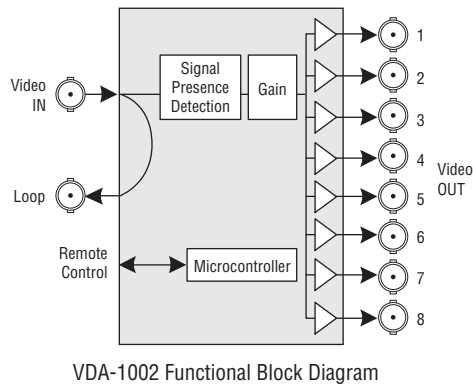
Analog video / tri-level sync DA



The VDA-1002 is an analog video DA with a differential looping input and 8 outputs. Signal status is controlled from the card edge. Signal status is provided to indicate the input signal presence. The differential input provides rejection of hum and other artifacts on incoming signals.

KEY FEATURES AND BENEFITS

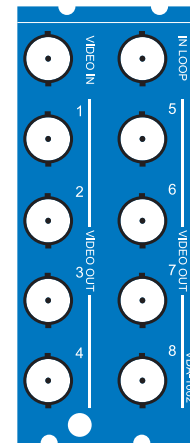
- Analog video differential input with passive loop-through
- Eight (8) 75 ohm outputs
- Supports NTSC and PAL video standards
- 90 MHz analog video bandwidth
- Control of gain from the card edge
- Status LED and remote reporting



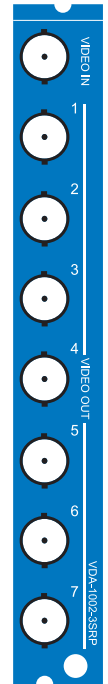
VDA-1002-SRP



VDA-1002-SRP/L



VDA-1002-DRP



VDA-1002-3SRP

TECHNICAL SPECIFICATIONS

| INPUT | | OUTPUT | | PROCESSING PERFORMANCE | | ELECTRICAL | |
|--------------------------|---------------------------------------|------------------------------|--|------------------------|--|------------------------------------|-----------------|
| Signal: | Any 1 V _{p-p} nominal signal | Signal (3-8): | 1 V _{p-p} nominal signal adjustable | Gain range: | ±3 dB | Chrominance/luminance delay error: | <±1 ns |
| Return loss: | >45 dB up to 10 MHz | Return loss: | >42 dB up to 20 MHz | Freq. response: | ±0.02 dB up to 5 MHz ±0.1 dB up to 10 MHz -3 dB @ 90 MHz typically | Chrominance/luminance gain error: | <±0.02 dB |
| Coupling: | DC | Impedance: | 75 ohm | Differential gain: | <0.15 % | Hum: | <1 mV |
| Level: | 0.3 to 1.5 V _{p-p} | Phase match between outputs: | <0.1° @ 4.43 MHz | Diff. phase: | <0.15° at 8 loads <0.1° at 2 loads | Latency: | 15 ns |
| Impedance: | 75 ohm bridging | Output isolation signal: | >40 dB @ 10 MHz | H/V tilt: | <0.1 %, DC coupling | Power: | 1.5 W (SRP) |
| Max. common mode signal: | 28 V _{p-p} | Response variation: | <0.1 dB, 1 to 8 loads, to 20 MHz | SNR: | >70 dB up to 15 MHz (rms noise/0.714 V, unweighted) | | 2 W (DRP, 3SRP) |
| Common mode rejection: | >65 dB to 10 kHz | | | | | | |

ORDERING INFORMATION

Densité 2 frame

| | |
|----------------|-----------------------------|
| VDA-1002 | Analog video DA |
| VDA-1002-SRP | Single rear connector panel |
| VDA-1002-DRP | Double rear connector panel |
| VDA-1002-SRP/L | Single rear connector panel |

Densité 3 frame

| | |
|--------------------|---|
| VDA-1002-3RU | Analog video DA (including 3RU adaptor) |
| VDA-1002-DRP-3RU | Double rear connector panel (including 3RU adaptor) |
| VDA-1002-SRP/L-3RU | Single rear connector panel (including 3RU adaptor) |
| VDA-1002-3SRP | Single rear connector panel |

Remote control iControl, iControl Solo, RCP-200 *

* For full list of supported cards, visit <http://www.miranda.com/RCP-200>