**SDM-171p**  SDI to Component Analog Video Converter

This picoLink video DAC is the smallest GBR/SMPTE/EBU video DAC available. The SDM-171p provides monitoring of a SDI video signal and also provides a built-in color bars generator. This module automatically detects 525 or 625 line formats from incoming SDI signals to provide analog component GBR or Y/B-Y/R-Y signals.

**Technical Specifications**

**INPUT**
- SIGNAL: SMPTE 259M-C (270 Mbps)
- CABLE LENGTH: 200 m (650') (Belden 8281)
- RETURN LOSS: > 12 dB up to 270 MHz
- CONNECTOR: 75 ohms BNC

**OUTPUT**
- SIGNAL: G/Y, B/B-Y, R/R-Y: 0.7 V p-p nominal
- SYNC LEVEL: 280 mV
- CONNECTORS: Cables with male BNC (3)

**PROCESSING PERFORMANCE**
- QUANTIZATION: 8 bits
- SAMPLING: 27 MHz (2X oversampling)
- FREQ. RESPONSE: ±0.5 dB to 4.2 MHz
- PROCESSING DELAY: 2 μs

**Ordering Information**
- SDM-171p  SDI To Component Analog Video Converter
- Accessories
  - LKS-WSU  Power Supply For 110 V or 220 V
  - pL-Tray  Rack mounted tray for up to 10 picoLinks
  - pico-PA  12V to 5V Power Adaptor

**ASD-171p**  Component Analog Video to SDI Converter

The picoLink ASD-171p is the world’s smallest component analog video to SDI converter. This module accepts VTR-type sources.

**Technical Specifications**

**INPUT**
- SIGNAL: Y/B-Y/R-Y: 1.0 V p-p nominal with sync
- CONNECTORS: Cables with male BNC (3)

**OUTPUT**
- SIGNAL: SMPTE 259M-C (270 Mbps)

**PROCESSING PERFORMANCE**
- QUANTIZATION: 8 bits
- JITTER: < 10 ns p-p
- CONNECTOR: 75 ohms BNC

**Ordering Information**
- ASD-171p  Component Analog Video To SDI Converter
- Accessories
  - LKS-WSU  Power Supply For 110 V or 220 V
  - pL-Tray  Rack mounted tray for up to 10 picoLinks
  - pico-PA  12V to 5V Power Adaptor