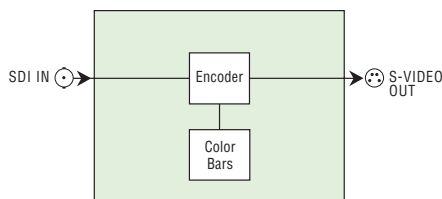


SDM-272p SDI to S-Video Encoder

This compact encoder converts from SDI to S-Video (NTSC, PAL, PAL-M or PAL-N based S-Video). The encoder automatically detects 525 and 625 formats and provides a convenient built-in color bars generator. This encoder is ideal for monitoring or dubbing in mixed SDI/S-Video environments.



SDM-272p Functional Block Diagram

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: S-Video 1.0 Vp-p
nominal with sync

CONNECTOR: Cable with male
mini-DIN 4

PROCESSING PERFORMANCE

SIGNAL PATH: 8 bits

QUANTIZATION: 10 bits

SAMPLING: 27 MHz
(2X oversampling)

FREQ. RESPONSE: ±0.5 dB to 4.2 MHz

PROCESSING DELAY: 2 µs

TEST SIGNAL: 75% color bars with
100% white



Ordering Information

SDM-272p SDI To S-Video Encoder

Accessories

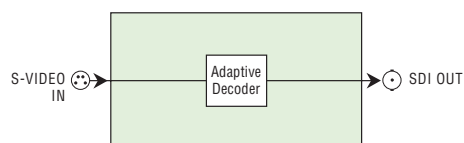
LKS-WSU Power Supply For 110 V or 220 V

pL-Tray Rack mounted tray for up to 10 picoLinks

pico-PA 12V to 5V Power Adaptor

ASD-272p S-Video to SDI Decoder

The ASD-272p is the industry's smallest S-video decoder. This product automatically detects NTSC, PAL, PAL-M, PAL-N, and SECAM S-video signals and provides a 4:2:2 serial digital signal conforming to the SMPTE 259M-C standard. The supported inputs range from stable, studio-type sources to satellite and VTR-type sources. This feature packed unit delivers ease-of-use, a simplified design, easy installation and operation.



ASD-272p Functional Block Diagram

Technical Specifications

INPUT

SIGNAL: S-Video NTSC (525/60)
SMPTE 170M or PAL
(625/50) ITU 624-4 or
SECAM (625/50) ITU
624-4

CONNECTOR: Cable with male
mini-DIN 4

RETURN LOSS: > 15 dB up to 270 MHz

JITTER: < 10 ns p-p

CONNECTOR: 75 ohms BNC

PROCESSING PERFORMANCE

QUANTIZATION: 8 bits

FREQ. RESPONSE: ±0.5 dB to 4.2 MHz

PROCESSING DELAY: 70 µs

OUTPUT

SIGNAL: SMPTE 259M-C
(270 Mbps)



Ordering Information

ASD-272p S-Video To SDI Decoder

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