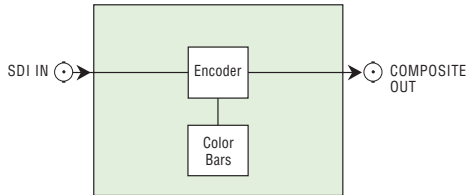


SDM-271p SDI to NTSC/PAL Encoder



This compact encoder converts from SDI to NTSC, PAL, PAL-M or PAL-N. The encoder automatically detects 525 and 625 formats and provides a convenient built-in color bars generator. This encoder is ideal for monitoring SDI signals in composite analog.



SDM-271p 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:	NTSC (525/60) SMPTE 170M or PAL (625/50) or PAL-M (525/60)
CONNECTOR:	75 ohms BNC

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-271p SDI To NTSC/PAL 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