

GW7100 SDI Broadcasting Switcher



GW7100 is a compact SDI Broadcasting Switcher for applications of 8×2, 12×2 or 16×2. The front panel pushbutton represents each of input signals or each of output signals. The “TAKE” function controls the PST and PGM switching.

The cable equalization function can compensate the Belden 8281 cable loss for up to 225 meters. The re-clock function works at 143Mbps, 177Mbps, 270Mbps, 360Mbps and 540Mbps data rates, ensuring no jitter due to the connecting cable.

Features:

- | 19” 1U standard chassis
- | SDI Routing Switcher 8×2, 12×2, 16×2
- | Digital Video: SDI with or without embedded audio
- | Analog Audio: mono, stereo, balanced or unbalanced
- | Two output buses for PST and PGM
- | Two digital 10bit /12bit clock switcher guarantee no jitter switching
- | Auto Input Equalization
- | Clock Recovery Option
- | Synchronic Signal Input available.
- | Remote Control Optional
- | Memory on power shut off

Specifications

Input Standards: 143Mbps/177Mbps/270Mbps/360Mbps

Equalization: up to 225m (270Mbps) Belden 8281

Re-clocking: optional on outputs

Impedance: 75 ohms

Return-loss: >18dB (5MHz-360MHz)

Signal-level: 800mv ± 5%

Rise/fall time: 400~700ps

DC offset: 0V ± 0.5V

Overshoot: <10%

Jitter: <540 ± 10% ps

Connector: BNC

Power Supply: 90-265V, 50/60Hz AC

Ordering Information:

GW7100-AB02C SDI AV Broadcasting Switcher

- A: None_Regular Clock, D_ Dual 10bit Clock
- B: Number of Input Analog Videos 08 or 12 or 16
- C: None_ SDI Video with Mono Audio, S_ SDI Video with Stereo Audio