

FEATURES

- ▷ Single Wire 4K Distribution
- ▷ No Lock Contact Closure on DE-9
- ▷ OC No-Lock Tally on DE-9
- ▷ Two Inputs Provide Failover Mode
- ▷ Stand-alone or Rack-mount
- ▷ Rack Compatible with VB-10s
- ▷ Rugged Aluminum Enclosure
- ▷ Designed & Manufactured in USA
- ▷ Three Year Warranty

APPLICATIONS

- ▷ Fly-Packs
- ▷ QC Monitoring
- ▷ Inter-facility Signal Distribution
- ▷ Split Feeds
- ▷ Transmission



The QS2-DA-2x8-12G is a multi-rate SDI digital video distribution system for distributing up to eight signals from a common input, or two groups of four signals from two inputs. It also can handle other data rates within the range and specifications of SDI signals including MADI.

The QS2-DA-2x8-12G has an automatic fail-over mode that, when selected will switch to the second input should the signal in the first input fail.

TECHNICAL SPECIFICATIONS

12G/6G/3G/HD-SDI Input

Bit Rates	143Mbps to 12Gbpst
# of Inputs	1 or 2 BNC
Impedance	75 Ohms
Standard	SMPTE-259/292/424/2081/2082t

12G/6G/3G/HD-SDI Output

# of Outputs	4 or 8 (ASI Compatible)
Impedance	75 Ohm
Signal Level	800 mV nominal pp
Jitter (Wideband)	HD: < 0.3 UI

Cable Length Equalized (w/Belden 1694A)

12 Gbps	>60m
3 Gbps	>120m
1.485 Gbps	>150m
143-360 Mbps	>350m

Mechanical, Environmental

Power	12VDC
Temperature	0 to +60C



ORDERING INFORMATION

Part #	DESCRIPTION
QS2-DA-2x8-12G	1 x8 or dual 1 x4 12G-SDI Distribution Amplifier with Input Failover Mode
RM-1RU-VX	Universal Rack Kit for mounting up to (2) QS2 products in a 1 RU rack space
ERPI-2.5MM-3FL-P	External Redundant Power Interface
MDS050-P120	Spare/Redundant 12VDC power supply for QS2 Series