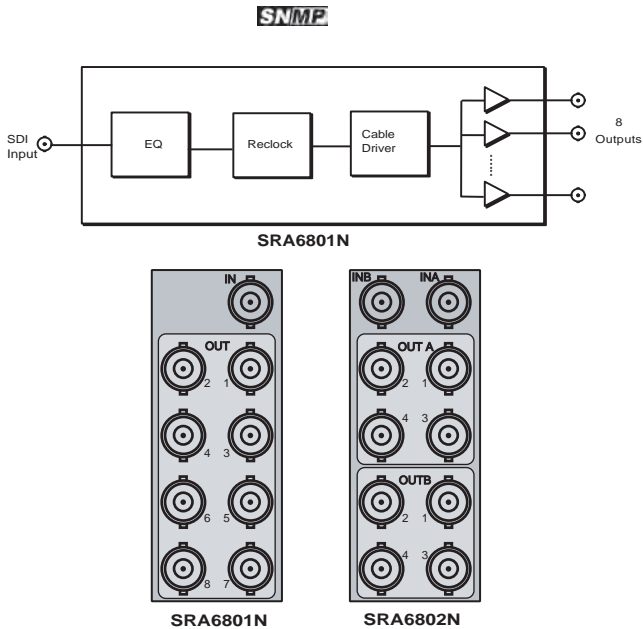


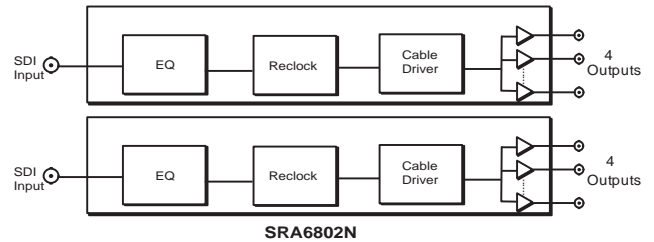
Description:

The SRA6801N and SRA6802N are both SD-SDI distribution amplifiers with equalization and reclocking. Both two modules have unbalanced input and output, and can compensate the cable loss for 300m of Belden 8281. The SRA6801N has one input and eight outputs, and the SRA6802N has two inputs each with four outputs, or it can be set for eight outputs via jumper.



Features:

- ▶ Compensation for 300m of Belden 8281 cable transmission loss
- ▶ Both modules with reclocking and equalization



SRA6801N



SRA6802N

Specifications: Specifications are subject to change without notice

SDI Video Input

Signal type	SDI, ASI
Connector	BNC(IEC 169-8)
Impedance	75 ohm
Return loss	>18 dB 5 MHz to 540 MHz
Cable equalization	300 m Belden 8281

SDI Video Output

Numbers of output	SDI: 8; ASI: 4
Signal type	SDI, ASI
Connector	BNC(IEC 169-8)

Impedance	75 ohm
Return loss	>18dB 5 MHz to 540 MHz
Signal level	800 mV +/-10%
DC offset	0.0 V +/- 0.5 V
Rise and fall time	400 to 700 pS
Overshoot	<10%
Jitter	<0.2 UI
Propagation	<12.5 ns

Power Consumption:

Power	SRA6801N: 2.0W; SRA6802N: 3.25W
Positive Rail	SRA6801N: 300mA; SRA6802N: 500mA
Negative Rail	SRA6801N: 0mA; SRA6802N: 0mA

Ordering Information:

SRA6801N	SD-SDI reclocked distribution amplifier with EQ 1x8	SRA6802N	Dual SD-SDI reclocked distribution amplifier with EQ 2-1x4; or it can be set for 8 outputs via jumper
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6800N Digital Modular Interface