

V1614

ASI/SDI DA.



The V1614 eight output serial digital distribution amplifier provides equalisation and re-clocking of serial digital signals for distribution over distances of up to 250 metres. The V1614 is also suitable for distribution of ASI (Asynchronous Digital Interface) signals. The V1614 accepts a component serial or ASI digital input and provides eight equalised reclocked outputs.

FEATURES

- ASI or SDI input
- 8 Outputs
- Equalising & re-clocking

Technical Specification

Serial Input

Format	Compatible with EBU Tech 3267/ANSI T14.223 and ASI formats
Connector	BNC
Impedance	75Ω
Return loss	>15dB, 5-270MHz
Cable	0-200m (Belden 8281)

Data rate

Component	270/360 Mb/s
ASI	270 Mb/s
PAL	177 Mb/s
NTSC	143 Mb/s

Serial Outputs (8)

Connector	BNC
Impedance	75Ω
Return Loss	>15dB, 5-270MHz
Amplitude	800mV p-p (terminated)
DC offset	0V +/- 0.5V
Rise and fall times	0.75 - 1.5nS
Drive capability	Up to 250M (Belden 8281)
Data jitter	+/- 250pS
Data rate	As input signal

Specifications subject to change

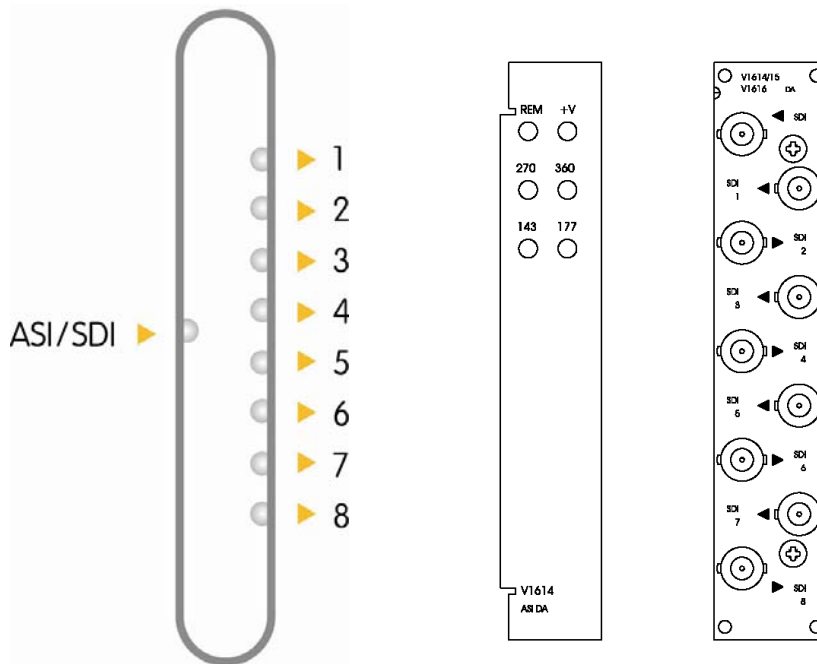
Ordering Information

V1614	ASI/SDI DA
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All Pro-Bel's quoted prices for interface modules include the supply of one suitable rear module. Please specify the type required when placing order:

V16VR3B	3RU
V16VR1B	1RU

Note: Special versions of rear module are available on request.



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