

V1615, V1615D & V1616



SDI DA.



FEATURES

- SDI input (Dual on V1615D)
- 8 outputs (V1615)
- 4 + 3 outputs (V1615D)
- Up to 28 channels in a V1606 rack-frame with dual PSUs (V1615D)
- 16 outputs (V1616)
- Equalising & re-clocking
- EDH version - V1615E
- Non re-clocking version - V1615N

The V1615 family of serial digital distribution amplifiers provide equalisation and re-clocking of SDI signals for distribution over distances of up to 250 metres. The standard V1615 accepts a component serial input and provides eight equalised re-clocked outputs. EDH processing is available with the V1615E version. A non re-clocking version is available, product code V1615N. The V1615D dual input serial digital distribution amplifier provides equalisation and re-clocking of 2 SDI signals for distribution over distances of up to 250 metres. Channel A and Channel B provide 4 and 3 outputs respectively.

The V1616 is a double width V1600 series module. The V1616 accepts a component serial input and provides sixteen equalised relocked outputs.

Technical Specification

Serial Inputs

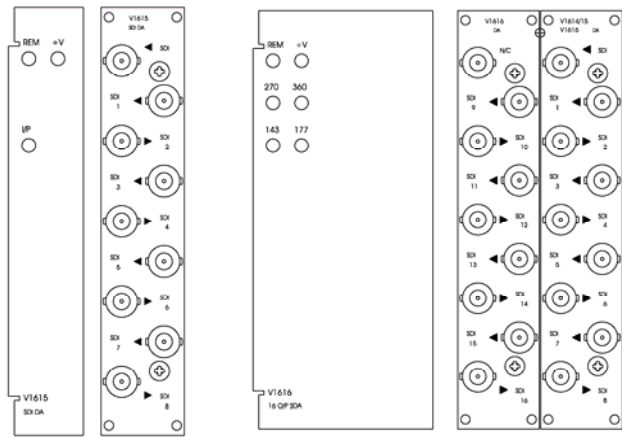
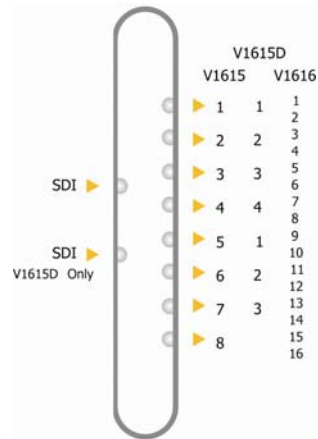
Format	Compatible with EBU Tech 3267/ANSI T14.223 formats
Connector	BNC
Impedance	75Ω
Return loss	>15dB, 5-27Mhz
Cable	0-200m (Belden 8281)

Input Data rate

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

Serial Outputs

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



Ordering Information

Please specify type required when placing order

Model	Description	Part Number	RU	Part Number	RU
V1615	8 Output SDI DA	V1616VR3B	3RU	V16VR1B	1RU
V1615D	Dual channel SDI DA	V16VR3H	3RU	V16VR1H	1RU
V1615E	8 Output SDI DA with EDH Generator	V16VR3B	3RU	V16VR1B	1RU
V1615N	Non re-clocking 8 Output SDI DA	V16VR3B	3RU	V16VR1B	1RU
V1616	16 Output SDI DA	V16VR3B x 2	3RU		

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