

Analog Video Distribution Amplifier

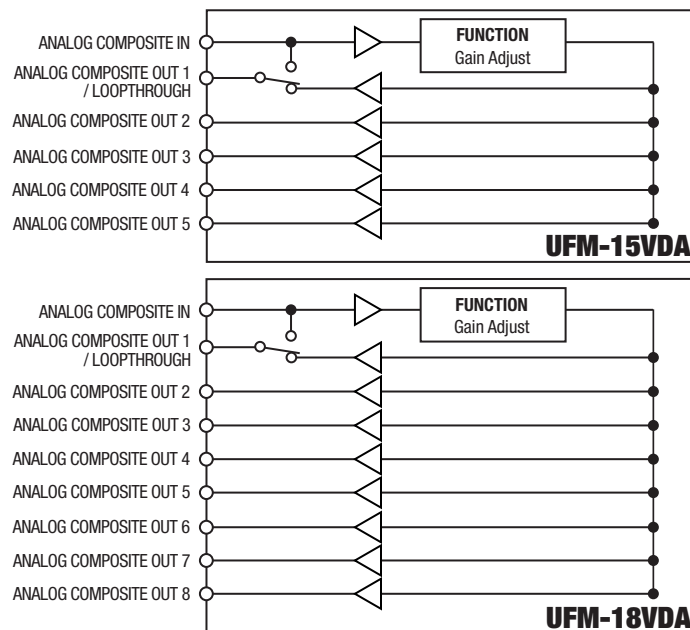
# UFM-15VDA/18VDA

These analog video distributor modules can be installed in the UFM frame. The UFM-15VDA can distribute one video signal input into five outputs whereas the UFM-18VDA can distribute one video signal input into eight outputs. They are also equipped with an input signal relay bypass function.

## Features

- UFM-15VDA: Analog video distributor for distributing one video signal input into five outputs.
- UFM-18VDA: Analog video distributor for distributing one video signal input into eight outputs.
- Gain control can be made from the front.
- Input signal bypass output function.
- Internal settings can be used to set loop-through for video input.

## Block Diagram



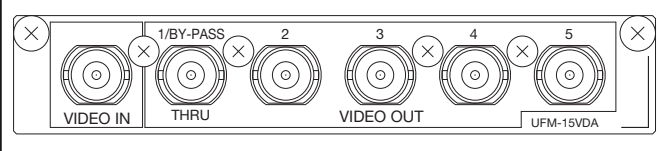
<b>Video Distribution Amplifier</b>	<b>UFM-15VDA</b> 1 x 5	<b>UFM-18VDA</b> 1 x 8	<b>Bypass Function</b>	<b>Gain Control</b>
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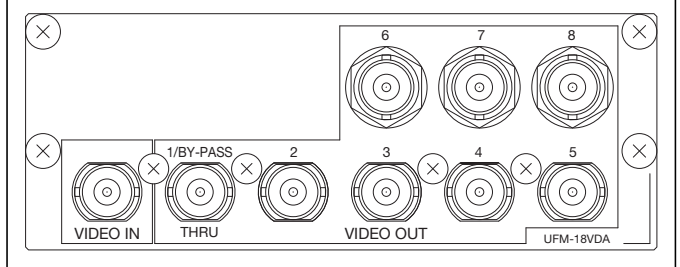
## UFM-15VDA / 18VDA Specifications

	UFM-15VDA	UFM-18VDA
● Input	Composite: 1.0V(p-p), 75Ω or high-impedance loophthrough, 1ea.	Composite: 1.0V(p-p) ±0.3dB, 75Ω, 8ea.(7ea. at Input loophthrough), BNC
● Output	Composite: 1.0V(p-p) ±0.3dB, 75Ω, 5ea.(4ea. at Input loophthrough), BNC	Composite: 1.0V(p-p) ±0.3dB, 75Ω, 8ea.(7ea. at Input loophthrough), BNC
● Output Gain Range	±3dB for input signal	
● Output DC offset	±10mV (at clamp), ±10mV for input signal (at DC couple), OFF clamp, AC couple output	
● Frequency	100kHz - 12MHz ±0.3dB (100Hz base)	
● K Factor	Less than 1%	
● DG/DP	Less than 0.5% / 0.5° (NTSC/PAL)	
● S/N Ratio	Better than 60dB(p-p/rms)	
● Temperature / Humidity	0°C - 40°C / 30% - 90% (no condensation)	
● Power / Consumption / Draw	+12VDC - +24VDC ±10% / Approx. 2.9W / +12VDC: Approx. 0.26A, +24VDC: Approx. 0.13A	
● Dimensions / Weight	106 (W) x 303 (D) mm (Front board), 108.5 (W) x 20 (H) x 66.1 (D) mm (Rear board) / Approx. 0.5kg	
● Require Slot	1 slot	2 slot
● Accessories	Operation manual	

### UFM-15VDA Rear View



### UFM-18VDA Rear View



## Universal Frame Line-up

### UF-106A



Universal frame that can install up to 6 UFM modules, provides redundancy and universality, and contributes to reduced system space

### UF-112



Universal frame that can install up to 12 UFM modules, provides redundancy and universality, and supports remote monitoring with installation of control board

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