

## 1:16 Frequency Distribution Unit

### Introduction:

The **VCL-2486-F, 1:16 Frequency Distribution Unit** with BNC outputs.

The **VCL-2486-F, 1:16 Frequency Distribution Unit** is a compact and cost-effective solution to provide up to 16 Frequency outputs. The VCL-2486-F Frequency Distribution Unit accepts one Frequency Input to provide up to 16 Frequency outputs.



### Features and Highlights:

- Frequency Input (BNC) - 1 / 2.048 / 5 / 10 MHz
- Up to 16 Frequency Outputs
- DC or AC Power Supply options.

### Synchronization Inputs:

Inputs	Number of Inputs	Connector
Frequency 1/2.048/5/10 Mhz	1	BNC

### Outputs:

Outputs	Number of Outputs	Connector
Frequency 1/2.048/5/10 MHz	4/8/12/16	BNC

### Frequency Output

Frequency	Number of Outputs	Connector
Frequency	4 outputs per card	BNC
Maximum cards	Upto 4 cards per chassis	BNC
Maximum outputs	16 outputs per chassis	BNC

### Environmental (Equipment):

Operational	-10°C to +60°C (Typical: +25°C)	
Cold start	0°C	
Storage	-40°C to +70°C	
Humidity	95% non-condensing	
Cooling	Convection Cooled. No cooling fans are required.	

### Mechanical Specifications:

H x W x D	90 x 480 x 250 (mm)
Weight	3.0 Kg
Rack Mount:	19" rack mounting options

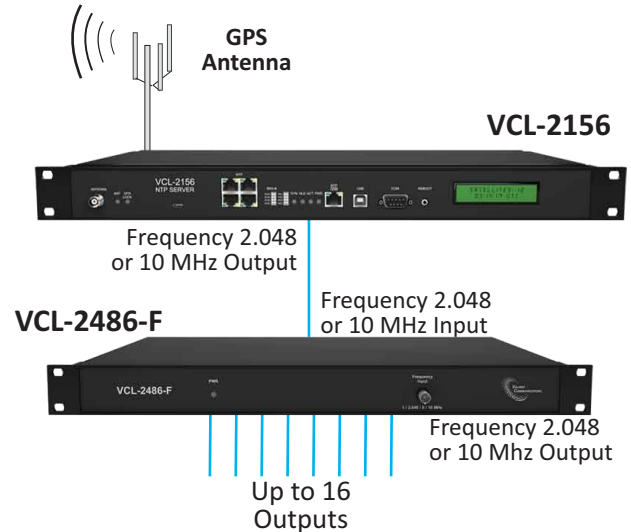
### Power Consumption:

- < 10W at ambient (steady state 24°C)

### Power Supply Options:

- AC (100V AC to 240V AC, 50/60 Hz)
- DC (24 V DC, 48 V DC, 110 V DC to 220 V DC)

### Application Diagram:



### Regulatory Compliance:

- RoHS, CE Marking
- Complies to IEEE and IEC standards
- Transportation ETS 300 019 Class 2.3

### Standards & Compliance:

- IEC - EMC – Certified to EN 55022: 2005 / CISPR 32, EN 55024:2005, IEC 61000-4-2
- CE – 2001/95/EC, 2006/95/EC, EN60950-1, EN61000-6-2, EN61000-6-4
- FCC – FCC Part 15 B Class A: Conducted Emission test on Power Line
- FCC Part 15 B Class A: Radiated Emission >1 GHz FCC, 6 GHz, on Power Line

### Ordering Information (Base Unit):

Part No.:	Description
<b>VCL-2486-F</b>	VCL-2486-F 1:16 Frequency Distribution Unit 1 x Frequency Input, 19-Inch, Rack mountable [supports up to 4 x Output Cards] Installation Kit: System Core Cables, Mounting Hardware, Documentation, User Manual

### Add Power Supply:

AC	1 x 110-240V AC Power Supply Input
DC024	1 x 24V DC Power Supply Input
DC048	1 x 48V DC Power Supply Input
DC110	1 x 110V DC Power Supply Input
DC220	1 x 220V DC Power Supply Input

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