

MCV-12Cv2

19" 12-port Converter Chassis for stand alone converter with 1 MPS-75R, AC, 75W Modular

The MCV-12Cv2 is a highly engineered product designed to offer a lifetime of operation. Incorporated in the chassis are three long life cooling fans to ensure a cool operating environment. Each fan is monitored and connected to the LED status panel mounted on the front. The LEDs indicates when power is supplied to each module and that the fans are functioning correctly. Ideal for mission critical networks such as Enterprises, Banks, the Military, etc.



The chassis comes with two high quality hot swappable power supplies. Either power unit can be removed without disturbing the chassis' operation - offering total efficiency, maximum redundancy and minimum down time. Each converter is supplied from a common shared power bus - but as an added precaution, each is individually protected in the event of a problem on the bus or from power surges. Each converter can be removed or loaded without powering down. The power supply also features a "trigger guard" to prevent the unit from being accidentally switched off.

Features

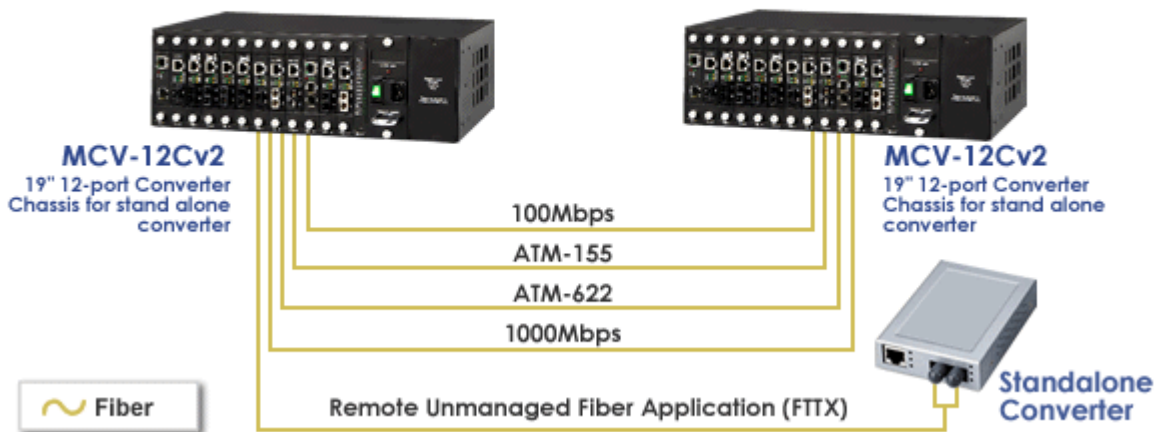
- Accommodates up to 12 media converters operating under different protocols
- Supports two load sharing, hot swappable power supplies (picture on right is of MPS-75R Power Supply)
- ON/OFF trigger guard protection on power switch
- Three serviceable high volume cooling fans
- LED status panel with fan and slot and power LEDs
- Supports slot power isolation
- Supports 10/100/1000Base-TX/FX, ATM-155/622 and serial converters
- Available in AC 100-240V with AC Socket or DC -48V with terminal block



Connection Sample

Product Application

The following illustrates typical applications for the MCV-12Cv2 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed



Specification

Model	MCV-12Cv2
Chassis Specs	<ul style="list-style-type: none"> ● Capacity: Twelve (12) slots ● Chassis: Aluminum/Steel ● Power: Two (2) power supplies, load sharing, hot swappable ● LEDs: <ul style="list-style-type: none"> 3 - for fan status 12 - for slot power status 1 - for each power supply ● Cooling: Three 42.5 cfm rear-mount fans ● Dimensions: 430 x 290 x 133mm (LxWxH) (EIA 3U) ● Weight: 9 kg (with 12 converters, one power supply)
Fans Specs	<ul style="list-style-type: none"> ● Speed: 2510 rpm +/- 250, Delivery 42.5 ft3 Per Min. ● Noise Level: 36.5 dB(A) ● Bearing: Precise ball bearing ● Safety: UL/cUL/TUV approved
Power Supply specs for AC	<ul style="list-style-type: none"> ● AC Input: 100~240V AC @ 47~63Hz ● DC Output: Norm. +12V, Min. +11.88V, Max +12.12V ● Load: Min. 0A, Full 6.4A
MPS-75R Modular	<ul style="list-style-type: none"> ● Total Reg: +/- 1.0%, Rip. 120mV, Load 1.0%, Line 0.5% ● Overload Protection: All outputs protected against short circuit conditions-automatic recovery ● Over Volts Protection: Output level exceeding +13.2V causes shutdown-automatic recovery ● Temperature: <ul style="list-style-type: none"> Operation: 0°C to 50°C Storage: -55°C to 85°C ● EMI: FCC Part 15 Class A ● Safety UL 1950, CSA 234, 22.2, TUV En60950
Power Supply specs for DC MPS-75D	<ul style="list-style-type: none"> ● DC Input: -48V DC ● DC Output: Norm. +12V, Min. +11.76V, Max +12.24V, 75Watts ● Load: Min. 0A, Full 6.4A ● Total Reg: +/- 2.0%, Rip. 120mV, Load 1.0%, Line 1.0% ● Overload Protection: Outputs protected against short circuit conditions-automatic recovery ● Over Volts Protection: Output level exceeding +13.2V causes shutdown-automatic recovery ● Temperature: Operation: 0oC to 50oC ● Storage: -55oC to 85oC ● EMI: FCC Part 15 Class A ● Safety UL 1950, CSA 234, 22.2, TUV En60950