

# UT-3012

## 19" Rack-mount 12-slot Stand alone Media Converter Chassis



UT-3013



UT-3013D



UT-3012  
(Media Converter not included)



### Product Introduction & Benefits

The UT-3012 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 supply. 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 switching off.



### Ordering Information :

**UT-3012** : 19" Rack-Mount 12-slot Stand alone Media Converter Chassis (AC 100-240V)

**UT-3013** : 75W AC Modular Power Supply with High MTBF for UT-3012 (AC 100-240V)

**UT-3012D** : 19" Rack-Mount 12-slot Stand alone Media Converter Chassis (DC -48V)

**UT-3013D** : 75W DC-48V Modular Power Supply for UT-3012D (DC -48V)



### Main Features :

- Accommodates up to 12 media converters operating under different protocols
- Supports two load sharing, hot swappable power supplies
- 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
- Prevents network downtime and protects your converter investments
- Available in AC 100 - 240V with AC Socket or DC -48V with terminal block
- RoHs Compliant



## Chassis Specs

<b>Capacity :</b>	Twelve (12) slots
<b>Chassis :</b>	Aluminum/steel
<b>Power :</b>	Two (2) power supplies, load sharing, hot swappable
<b>LEDs :</b>	3, red -for fan status, 12, green -for slot power status, 1, red -for each power supply
<b>Cooling :</b>	Three 42.5 cfm rear-mount fans
<b>Dimensions :</b>	430 x 290 x 133 mm (L x W x H) (EIA 3U)
<b>Weigh :</b>	9 kg (with 12 converters, one power supply)

## Power Supply Specs for AC (UT-3013)

<b>AC Input :</b>	100-240V AC@ 47-63 Hz
<b>DC Output :</b>	Norm.+12V, Min.+11.88V, Max+12.12V
<b>Load :</b>	Min.0A, Full 6.4A
<b>Total Reg. :</b>	±1.0%, Rip.120 mV, Load 1.0%, Line 0.5%
<b>Overload Protection :</b>	All outputs protected against short circuit conditions-automatic recovery
<b>Over Volts Protection :</b>	Output level exceeding +13.2V causes shutdown-automatic recovery
<b>Temperature :</b>	Operation : 0°C to 50°C Storage : -55°C to 85°C
<b>Humidity :</b>	Operating : 10% to 80% RH Storage : 5% to 90% RH
<b>EMI :</b>	FCC Part 15 Class A & CE Safety UL 1950, CSA 234, 22.2, TUV En60950

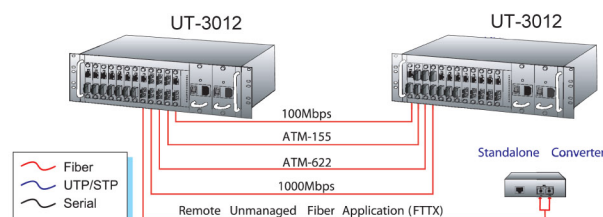
## Power Supply Specs for DC -48V (UT-3013D)

<b>DC Input :</b>	-48V ±10%
<b>DC Output :</b>	Norm.+12V, Min.+11.76V, Max+12.24V, 75 Watts
<b>Load :</b>	Min. 0A, Full 6.4A
<b>Total Reg. :</b>	±2.0%, Rip.120 mV, Load 2.0%, Line 1.0%
<b>Overload Protection :</b>	Outputs protected against short circuit conditions-automatic recovery
<b>Over Volts Protection :</b>	Output level exceeding +13.2V causes shutdown-automatic recovery
<b>Temperature :</b>	Operation : 0°C to 50°C Storage : -55°C to 85°C
<b>Humidity :</b>	Operating : 10% to 80% RH Storage : 5% to 90% RH

## Fans Specs

<b>Speed :</b>	2510 rpm ±250, Delivery 42.5 ft3 Per Min.
<b>Noise Level :</b>	36.5 dB(A)
<b>Bearing :</b>	Precise ball bearing

## Applications :



The following illustrates typical applications for the UT-3012 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.