

## The Energy Efficient Way to Power Up PDi Arm-mounted TVs & Simplify TV Channel Distribution

### **UNIQUELY DESIGNED FOR HEALTHCARE**

A specialized power supply designed and built by PDi to simplify channel distribution and safely control power to up to 10 medTV® or medTAB® personal arm-mounted, healthcare grade patient televisions.

### **SAFELY DELIVERS TV POWER & TV SIGNAL**

A single RG-6 solid copper coax cable provides both low-voltage AC power (28VAC or 32VAC) and RF TV signals direct to your patient TVs up to 150ft.

### **SATISFIES EACH PATIENT**

Each patient can benefit from your full channel line-up with the ten individual RF inputs on the PDI-772HE-IND and using a dedicated set top box.

### **ENERGY EFFICIENCY LOWERS UTILITY COSTS**

Up to 90% energy efficiency and no cooling fan required.



PDI-772HE, 1 RF IN/10 RF Out



PDI-772-HE-IND, 10 RF IN/10 RF Out

# SPECIFICATIONS

Design, features and specifications are subject to change without notice.

CONNECTORS	PDI-772HE	PDI-772HE-IND
RF Inputs	1 F-Type	10 F-Type
RF/Power Outputs	10 F-Type	10 F-Type
AC Input Connector	IEC60320-C14 with bale	

RF	PDI-772HE	PDI-772HE-IND
Pass Band	15-1000 MHz	
Insertion Loss	14 dB	3 dB
Input Return Loss	14 dB	10 dB
Output Return Loss	16 dB	8 dB
Port to Port Isolation	20 dB	40 dB

POWER	POWER CORD
Conversion Type	1KVA Transformer
Efficiency	89%
Power Switch	No
Line Filter	Yes
Isolation	Faraday Shield
Input Voltage	115VAC / 60Hz
Input Max Current	10A
Input Protection	Circuit Breaker
Output Voltage	28/32VAC Configurable
Output Max Current	3.3A per port
Output Protection	Circuit Breaker

POWER CORD	REGULATORY
Length	10 feet
Detachable	Yes
Wire Type	SJT
Wire Size	16 AWG
Plug Type	NEMA 5-15p, Hospital Grade
Connector Type	IEC60320-C13
Rating	125V, 15A

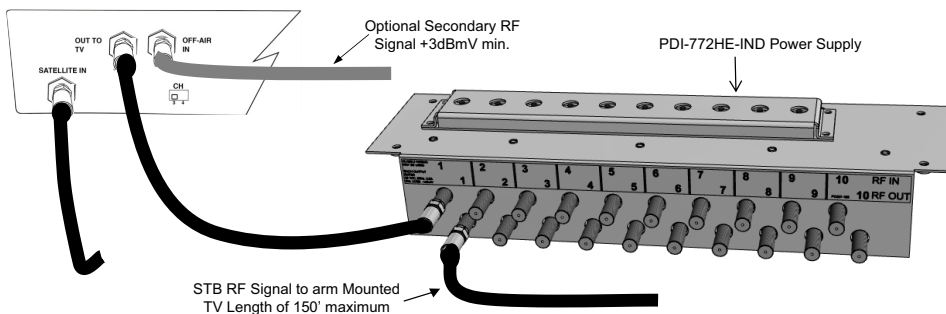
  

REGULATORY	
UL / cUL	Yes
NEC	Class II Level @ 28VAC

PHYSICAL	
Cabinet Color	Cream
Wall Mount	Yes
Dimensions	10"W x 14.75"L x 7"H
Weight	28 lbs
Cooling	Convection
Operational Temp Range	20-50 °C
Cable Access Cover	Removable

WARRANTY	
Standard	2 Year

## Schematic for PDI-772HE-IND Ten Tap Power Supply



## Support up to Ten Satellite or Set Top Boxes



The PD295-001 mini-module DIRECTV® satellite interface by PDi or the universal infrared version PD295-002

- each work directly with the PD772HE-IND for new installations
- each work with the PDI-772HE combined with a PDi Power Passer (PD167-003)
- each are compatible with all PDi TV's that have a CCI port

NOTES: Requires RG-6 coaxial cable employing a solid copper center conductor and copper shield Recommended RG-6 coaxial cables include Alpha M4182, Belden 9248, West Penn 806, or West Penn 25806 (plenum). DO NOT USE copper clad steel center conductor style coax cable. The coax must carry not only cable TV RF signal, but also the AC power from the ten-tap central power supply to each TV location. Cable run lengths between the central power supply and room mounted televisions MUST NOT exceed 150 feet.

This power supply requires a 120 VAC circuit capable of supplying 10 amperes of current. A 10- foot hospital grade cord set with NEMA 5-15P plug is supplied with this unit. Do NOT use an extension cord with this unit.