



POINT-TO-POINT

## PP16/PP32 - PDH T1/E1 Patch Panel

HIGH-CAPACITY SCALABLE POINT-TO-POINT WIRELESS NETWORKS

### Overview

Trango's PP16/32 -PDH patch panels were designed to convert the dense T1/E1 connectors on the GigaPro IDU front panel into standard RJ45 E1/T1 ports and are ideal for mixed networks that support both TDM and Ethernet traffic types. Housed in a 1 RU form factor enclosure, no separate power source is required since the power supplied through the cable connections to the IDU. Individual LEDs indicate T1/E1 signal integrity for each port, and no special configuration software is required since the configuration is done from the IDU. The patch panel is available in 16 port and 32 port models to support the variety of system configurations offered by the GigaPro platform. The PP16-PDH utilizes two supplied expansion cables and the PP32-PDH uses 4 expansion cables. Highly recommended for clean cable installations.

### Applications

- » WiMAX/LTE backhaul
- » Mobile Base Station backhaul
- » Enterprise WAN
- » Government / Municipal Networks
- » PP16-PDH: 1+0 and 1+1 system configurations
- » PP32-PDH: 2+0, 4+0 system configurations

### Features

- » Convert GigaPro dense T1/E1 ports to RJ45
- » No external power supply required (powered by the IDU)
- » Activity LEDs for each port
- » 1 RU fanless form factor
- » Solid metal construction
- » Eliminates "Y" cables for 1+1 applications when used with GigaPro-IDU-1
- » 16 and 32 Port models
- » Standard 2-Year Manufacturer's Warranty

### Technical Specifications:

- » Power Consumption: Less than 2 Watts at 3.3 Volts (Supplied via IDU)
- » Impedance per port: 120 Ohms
- » Port Wiring: Standard ANSI/EIA-568-A
- » Max Cat5E Cable length: 100 meters
- » Expansion cable length (IDU to Patch Panel): 12 Inches
- » Standards:
  - ETSI EN 301 489-1
  - ETSI EN 301 489-4
  - EN60950-1 IEC CB Scheme

