



DTX-CFB

- **Optional Redundant Power Supply**
- Hot-Swapable Fan Bay
- **Compact 4U High Chassis**
- 19" or 23" Rack Compatible
- Status Monitoring
- Modular Design for Greater Flexibility

a redundant supply or customize the setup in other ways, depending on specific system requirements.

This 16.8" wide x 7.0" high x 15.9" deep open mesh housing fits all standard 19" or 23" racks and provides ample air flow for cooling installed modules. The interior guide rails are designed for trouble-free module insertion and removal.

Status monitoring of all modules is facilitated through a DB-37S connector located on the chassis backplane. This provides TTL level information about the laser temperature, power supply status, RF input level, laser bias, AGC voltage and other important module functions.

The DTX fan bay utilizes three separate fans to cool any modules housed in the chassis, protecting them from heat damage in the event of a failure. In addition, the fan bay is a hot-swap item, allowing the end user to install or replace it without taking the system off-line.



ISO 9001 Registered

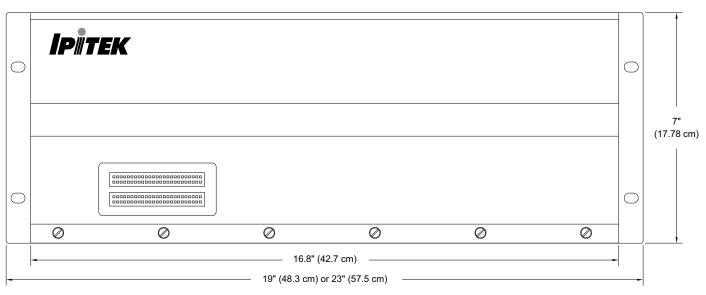
The Integrated Photonic Technology (IPITEK<sup>®</sup>) DTX rack-mount chassis is a durable and flexible housing for IPITEK's new modular transmission products. The DTX chassis combines versatility and cost-effective design, while reducing your rack space requirements.

This unit holds any combination of nine DTX comp-atible modules, allowing you to integrate up to eight transmit, receive, amplifier and/or other modules in just 4U of rack space, along with at least one power supply.

The modular design of this chassis gives you a great deal of flexibility when planning your system. Each of IPITEK's new transport system modules occupies one of the chassis' nine slots. While one of these slots must be reserved for a power supply, the remainder can be customized to fit local distribution needs. This allows you to maximize your available rack space with eight modules, back up the primary power source with

# **MECHANICAL**

### **REAR VIEW**



## **SPECIFICATIONS**

### Mechanical

Rack Size:	19" (23" available)	
Height:	7" (4U)	
Width:	16.8"	
Depth:	15.9"	
Weight:	12 lbs.	
Rail Spacing:	1.79" (9hp)	
Max. Heat Output (full chassis):	350 watts	
Max. Modules Housed:	9	
Status Monitoring Connector:	DB-37S	

### **Status Points Monitored**

RF Nominal			
Laser Bias OK			
Laser Temperature OK			
Power Supply 1 OK			
Power Supply 2 OK			
AGC Voltage (analog)			
Laser Optical Output (analog)			

# **ORDERING INFORMATION**

DTX-CFB	- 09	-	Х -	XX
DTX COMPATIBLE CHASSIS & FAN BAY	09 = 9 slot chassis S = Status mo		Status Monitoring S = Status monitor N = No status monitor	Rack Size 19 = 19" Rack Compatible 23 = 23" Rack Compatible
DTX-CHS	- 09	- XX	DTX-FBY	- X
DTX COMPATIBLE CHASSIS	Chassis Compatibility 09 = 9 slot chassis	<b>Rack Size</b> 19 = 19" Rack Comp 23 = 23" Rack Comp		Status Monitoring S = Status monitor N = No status monitor
IPITEK reserves the right to modify product specifications without prior notificatio		Faraday Avenue • Carlsbad 38-1010 • Toll Free (888) 4-IF		

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FAX (760) 438-2412 • sales@ipitek.com • www.ipitek.com