Total Access 5006 Cabinet Retrofit Kit

for AFC® 120

Kit Contents

Total Access 5006 Assembly, including:
- 1187003E1 Total Access 5006 chassis
- 1187052E1 SMIO-3 Switch module backplane
- 1187090E1 Fan module assembly
- 1187410L1 Backplane modules for RJ-21 cables (quantity – three for six cables)

Cabinet Cooling Kit
- Attaches to roof of cabinet with existing hardware
- Supports one Total Access 5006
- Adds speed control and alarm functionality
- Replaces existing fan to extend usable life of the OSP enclosure

Valere Power® System, including:
- 19-inch, 2U compact integrated system
- BC-500 system controller module
- 10 amp rectifier modules (quantity – two)
- Alarm and power cables
- 2U Breaker Panel
- RJ-21 extension cables, to allow use of existing primary protection

Fiber Termination Equipment including:
- Bulkhead bracket
- Fiber bulkhead connectors (FC and SC type)
- Fiber jumpers

With the demand for higher-bandwidth services growing at a phenomenal rate, it is more important than ever to be able to leverage existing infrastructure in the delivery of new services. Time to market is crucial and network redesign or new cabinet deployment is simply not an option. The solution is cabinet revitalization. The ADTRAN® Total Access® 5006 Multiservice Access and Aggregation Platform is the best solution for revitalizing existing cabinet infrastructure to deploy higher-bandwidth, next-generation services easily and cost effectively.

Why Retrofit?

Cost is the major barrier to the deployment of new services. The average total cost of placing a new cabinet could approach $50,000, while the average retrofit costs less than one-third of the price of a new installation. Thousands of small line count cabinets, originally deployed for Plain Old Telephone Service (POTS), are not equipped to handle the thermal and power requirements for the deployment of high-bandwidth services. However, retrofitting provides a complete solution for next-generation deployment, while eliminating the costs associated with new cabinet fees, cabinet installation, powering, and right-of-way negotiation. Retrofitting minimizes capital expenditures and speeds service deployment. When compared to a new installation, retrofitting allows you to upgrade three times as many cabinet sites with the same amount of money.

Total Access 5006

ADTRAN's Total Access 5006 is the perfect retrofit solution for your growing network. This carrier-class Multiservice Access and Aggregation Platform was designed with retrofit applications in mind. Its small form-factor makes it ideally suited for cabinet revitalizations. With a pure Ethernet core, the Total Access 5006 supports both legacy and emerging service interfaces over copper and fiber, easily scaling to support even the most bandwidth-intensive applications, like Internet Protocol (IP) TV and video. It provides a clear migration path for traditional services like voice through its flexible network uplink options, including support for both TDM and Voice over IP networks. In addition to supporting both traditional and next-generation access interfaces, the Total Access 5006 has an Ethernet core providing a scalable and cost-optimized aggregation point in the network, with interfaces ranging from DS1 to Gigabit Ethernet. The Total Access 5006 is one of the most flexible platforms on the market today, not only allowing you to deliver DSL and POTS, but a variety of next-generation services for future growth.

Total Access® System

Smart Solutions for a
Connected World.

ADTRAN

Total Access 5006 Cabinet Retrofit

Total Access® System

for AFC® 120

Updated Fan

New Cabinet Labeling

Updated Power Supply

Protection Reuse

Total Access 5006

Revamped Custom Wiring
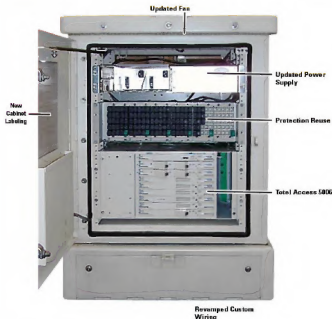
Quality and Reliability

ADTRAN® Cabinet Retrofit Kits are fully engineered solutions. All components have been lab tested for thermals, air flow and mechanical stress. Complete installation training services are available should you choose to perform the installation. Experienced installation is also available at competitive rates. Like all ADTRAN products, this kit is backed by ADTRAN's best-in-class customer service, warranty and telephone technical support.

ADTRAN's retrofit kits allow you to upgrade your network in a clear and logical manner. Using the Total Access® 5006 Cabinet Retrofit Kit will allow you to provide a common structure for all

of your retrofit solutions. This provides a number of benefits including allowing standard network design and installation practices to be established for your entire network, eases problem identification and long-term maintenance, establishes reference times and costs for installations, eases network upgrade planning, and enables a full engineering review prior to implementation.

Ordering Information

Equipment	Part #
Total Access 5006 Retrofit Kit AFC 120 M/M Extender Signal Cables	4192RK5120LJ
Total Access 5006 Retrofit Kit AFC 120 M/F Extender Signal Cables	4192RK5120L2
Total Access 5006 Retrofit Kit AFC 120 Total Access 850	4192RK5120L8