



CLEARCUBE

# F6150-160 Digital Fiber Transceiver

## Complete Desktop Experience in Secure Centralized Computing

Take advantage of this ultra-secure computing solution with full performance video delivered over fiber to the desktop. The ClearCube F6150-160 securely extends the user's desktop from ClearCube centralized blades.

The 16 port digital fiber transceiver is capable of connecting your fiber based digital fiber C/Port to your backend R-Series or A-Series PC blades. This point-to-point fiber solution utilizes your existing fiber infrastructure to connect users via dedicated pairs of multi-mode fiber. This is the same cabling used to connect traditional distributed PCs with fiber optic Ethernet cards. The ClearCube centralized digital architecture, paired with this fiber transport system, provides an ultra secure solution for commercial, government, and military installations.

The ClearCube Digital Fiber Transceiver works by converting the copper based digital video, USB, and audio signals coming from a ClearCube blade, which supports high-end digital desktop extension, to a fiber signal that can be received by a Digital Fiber C/Port. Each F6150-160 Digital Fiber Transceiver can support two fully populated R-Series chassis or up to 16 A-Series blades. The F6150-160 Digital Fiber Transceiver is 2U high rack mounted device. The digital signals are received from the blades via a copper signal and converted to a fiber signal. The fiber connection from the transceiver is a standard LC connector and supports either 62.5 or 50 micron fiber. Each desktop has a dedicated pair of cables and can be up to 2000 meters away.

Each chassis is fully populated with 16 fiber conversion modules with an additional 2 power modules that load share and can be hot-swapped to ensure syprovides a 10/100BaseT/TX auto-negotiating RJ-45 twisted-pair connector port featuring store-and-forward switching architecture. The modules are hot-swappable and feature link and activity LEDs; link fault signaling when used with managed switches, Auto-MDIX capability on the twisted-pair port allows for convenient connections.



### F6150-160 Digital Fiber Transceiver Specifications

Dimensions	3.5 inches H x 17.3 inches W x 10.9 inches D
Operating System	None
Fiber Type	62.5 μm or 50 μm fiber (LC connectors)
Distance	Up to 2,000 meters direct connect (3000 miles over IP network)
Connections	16 LC fiber connectors 2 AC power connectors
Power Supply	Universal 100-240 VAC, 50-60Hz
Max Consumption	770 watts
Shipping Weight	28.5 pounds (13 kg)
Environment	Stationary office installation, 0° to 40° C

### Ordering Information

Use one of the following part numbers to order your F6150-160 Digital Fiber Transceiver :

Part Number	Description
GF6150-160	Model F6150-160 Digital Fiber Transceiver
<b>Accessories</b>	
G0900018	Digital Fiber Replacement Transceiver Module
G7500005	Digital Fiber Transceiver Power Supply

Call: (866) 652-3500 Email: [sales@clearcube.com](mailto:sales@clearcube.com) to order or for more information.