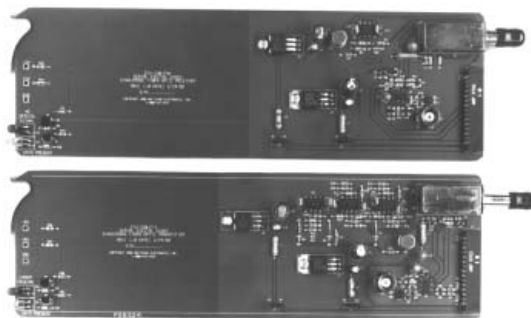




DTV-220 and DTV-230

Serial Digital Video Fiber Optic Transport for DTV

- Designed to **ease** the **engineering** and **financial difficulties** associated with the **migration to DTV**.
- An economical solution for the **fiber optic transport** of virtually any digital signal up to **400 Mbps**.
- Supported standards include **SMPTE 259M Serial Digital Interfaces (SDI)**, **4:2:2 Component**, **Sonet/SDH** and **ATM**.
- **Jitter less than 130psec peak-peak at 270 Mbps**.
- **Mix SDI Fan-out, SDI Re-clocking** and **SDI Fiber Optic Transport** in the **UTIL-200-FIBER Utility Tray**.
- **Now support Analog Video, Analog Audio, Serial Digital Video and Digital Audio in the same tray.**
The **UTIL-200-DVM** Tray supports the **DVM-2200** Video, 6 Audio and 3 Data Transport Cards, the **DTV-220/230** SDI Transport Cards, the **DTV-201/210F** SDI Fan-out and Reclocking Cards, the **DAM-2200** 6 Audio and 3 Data Transport Cards and the **AES-2200** 6 AES/EBU and 3 Data Transport Cards.
- The standard power supply **PS-200-AC** has a universal input voltage range from **85 to 265 VAC**. No need to set voltage selector switches; simply plug in and forget. The 48 VDC power supply **PS-200-48VDC** has an input voltage range from **36 to 60 VDC**. Ideal for Telephone Company central office applications.
- **Coarse Wave-division Multiplexing (CWDM)** systems are available for up to **8 wavelengths** over **ONE optical fiber**.
- Two redundant power supplies with external alarm relay contacts and front panel LED indicators for each power supply are included. Each modular has an open collector **status output alarm**.
- Designed and manufactured in the U. S. A.



**DTV-230-FTX and DTV-230-FRX Serial Digital Video Singlemode
Fiber Optic Transmitter and Receiver Modules**



In the USA and Canada call **1-(800)-4TV-TEST**
 191 Forest Avenue, Locust Valley, NY 11560-2132 USA
 1-(800)-488-8378, (516)-671-7278, FAX (516)-671-3362
E-Mail: info@multidyne.com
Web Site: www.multidyne.com

DTV-230-FTX Serial Digital Video Singlemode Fiber Optic Transmitter and DA

- One coaxial input, one Fiber Optic output.
- Economical solution for the transport of digital signals from **10 to 400 Mbps** up to **100KM** over Singlemode fiber optic cables.
- Available in 1300nm and 1550nm wavelengths.
- Laser failure and data present LED indicators with open collector alarm output.
- Supports SMPTE 259M Serial Digital Interfaces (SDI), 4:2:2 Component, Sonet/SDH and ATM.

Specifications: **Input:** Type: 1 BNC. Impedance: 75 Ohms. Return Loss: >18dB up to 270MHz. **Fiber Output:** Type: ST or FC. **Wavelength:** 1310 or 1550nm Singlemode. **Power:** -8 to 0 dBm or **CWDM Laser**.

Ordering Information:

DTV-230-FTX-50-FC Singlemode Serial Digital Video Fiber Optic Transmitter, 1310nm Single-mode Laser -8 dBm with FC connector for the UTIL-200-FIBER and UTIL-200-DVM Trays.

DTV-230-FTX-50-FC, 1310nm Single-mode Laser -8 dBm with FC connector.

DTV-230-FTX-52-FC, 1310nm Single-mode Laser -3 dBm with FC connector.

DTV-230-FTX-53-FC, 1310nm Single-mode Laser -0 dBm with FC connector.

DTV-230-FTX-6-FC, 1550nm Single-mode Laser 0 dBm with FC connector.

DTV-230-FTX-7-FC-XXXX, CWDM 1470, 1490, 1510, 1530, 1550, 1570, 1590 or 1610nm Single-mode Laser -8 dBm with FC connector

DTV-230-FRX Serial Digital Video Fiber Optic Receiver and DA

- One Fiber Optic input and two coaxial outputs.
- Optical signal and data presence LED indicators with open collector alarm output.
- Used with the DTV-220-FTX.

Specifications: **Fiber Input:** Type: ST or FC. **Wavelength:** 1100 to 1600nm. Sensitivity: -28 dBm. **Output:** Type: 2 BNC. Return loss: >18dB up to 270MHz.

Ordering Information:

DTV-230-FRX-FC or -ST Singlemode Serial Digital Video Fiber Optic Receiver. **Specify:** Connector: ST or FC for the UTIL-200-FIBER and UTIL-200-DVM Trays.

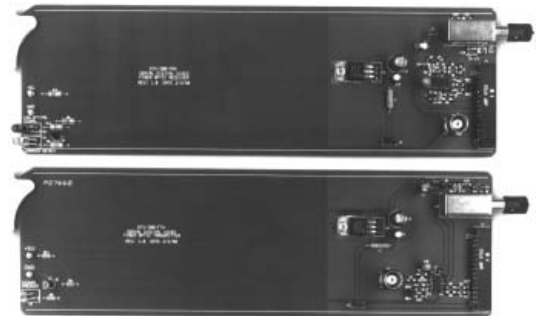
DTV-220-FTX Serial Digital Video Multimode Fiber Optic Transmitter and DA

- One coaxial input, one Fiber Optic output.
- Economical solution for the transport of digital signals up to **360 Mbps** over Multimode fiber optic cables.
- Up to a **10 dBm optical budget** at a wavelength of 1330nm.
- Supports SMPTE 259M Serial Digital Interfaces (SDI), 4:2:2 Component.

Specifications: **Input:** Type: 1 BNC. Impedance: 75 Ohms. Return Loss: >18dB up to 270MHz. **Fiber Output:** Type: ST. **Wavelength:** 1330 Multimode, **Power:** -14 dBm typical.

Ordering Information:

DTV-220-FTX-2-ST Multimode, 270 Mbps, Serial Digital Video Fiber Optic Transmitter for the UTIL-200-FIBER and UTIL-200-DVM Trays.



DTV-220-FRX Serial Digital Video Multimode Fiber Optic Receiver and DA

- One Fiber Optic input and two coaxial outputs.
- Used with the DTV-220-FTX.

Specifications: **Fiber Input:** Type: ST or FC. **Wavelength:** 1100 to 1600nm. Sensitivity: -24 dBm typical. **Output:** Type: 2 BNC. Return loss: >18dB up to 270MHz.

Ordering Information:

DTV-220-FRX-2-ST Multimode, 270 Mbps, Serial Digital Video Fiber Optic Receiver for the UTIL-200-FIBER & UTIL-200-DVM Trays.

Tray and Power Supply Ordering Information:

UTIL-200-DVM-2RU-AC, Analog, Digital & Fiber, 10 Slot, 2RU, Modular Utility Tray, with one 85-265 VAC Power Supply & Line Cord

PS-200-DVM-AC, Modular 85-265 VAC Power Supply & Line Cord for 200 series trays

UTIL-200-DVM-2RU-48VDC, Analog, Digital and Fiber, 10 Slot, 2 RU, Modular Utility Tray, with one 36-60 VDC Power Supply

PS-200-DVM-48VDC, Modular 36-60 VDC Power Supply for 200 series trays

UTIL-200-FIBER-2RU-AC, Digital and Fiber, 10 Slot, 2RU, Modular Utility Tray, with one 85-265 VAC Power Supply & Line Cord

PS-200-DVM-AC, Modular 85-265 VAC Power Supply & Line Cord for 200 series trays

UTIL-200-FIBER-2RU-48VDC, Digital and Fiber, 10 Slot, 2 RU, Modular Utility Tray, with one 36-60 VDC Power Supply

PS-200-48VDC, Modular 36-60 VDC Power Supply for 200 series trays



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