

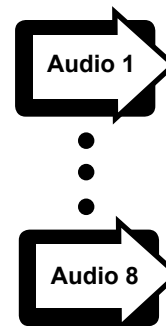


MERIDIAN
TECHNOLOGIES

DT/DR-8A-x

DigiFlex™

8 Channels of Unidirectional,
24-bit Audio over One Fiber



FEATURES:

- 8 Channels of real-time 24-Bit, uni-directional Audio
- Expandable to 16 channels of uni-directional Audio
- 10Hz to 20KHz audio bandwidth
- Greater than 90dB SNR for superb audio quality
- Wide Optical Dynamic Range: Eliminates Need For Optical Attenuators
- Laser Based Systems for Multimode and Singlemode
- Surface Mount Technology (SMT) for High Reliability and Repeatability
- *SpectraSmart™* Network Management Compatible
- Local LED Status Indicators to Monitor Critical System Diagnostics for Performance Parameters
- ST, FC Optical Connector
- Hot Swappable Cards
- Laser Back - Biased Photo Detector Circuitry for Stable Optical Output Over Full Temperature Range
- DB 9 Type Connectors for Audio

DESCRIPTION:

The DT/DR-8A series products incorporate digital encoding technology. This fiber optic module transmits 8 channels of 24-Bit quality Audio over one fiber. User-selectable input/output impedances of 600 Ohm, balanced and 47K Ohm, unbalanced are available for each channel. Both multimode and singlemode fiber versions are available. Meridian's digital product line incorporates plug-in personality signal cards to easily configure a wide variety of module types. The functionality of the DT/DR-8A series products is enhanced by its compatibility with Meridian's PC based *SpectraSmart* Network Management & Diagnostic Software system. *Spectra Smart* supervises the operating parameters of the transmission system such as the status on Video levels, Sync, Digital carrier detect, Voltages, Temperatures, Optical levels etc. See *Spectra Smart* brochure for further details.

CONFIGURATIONS:

The DT/DR-8A product family is available as rack mount cards and modules that can be installed in Meridian's card chassis, desk chassis and 19" racking frames. This system can be configured in either star (module to rack) or trunking (rack to rack) configurations. These systems can be made a standalone system by using the SR-1000/s, 2 slot desk / wall mount chassis (87VAC-264VAC).

MARKETS:

- ✓ Pro Audio
- ✓ Courtroom & broadcast audio feeds
- ✓ Distance Learning

