

PRELIMINARY SPECIFICATIONS

Twelve channel optical D.A. works with all one-way Pure Digital Fiberlink systems, providing infinite signal extension and distribution options

The Pure Digital Fiberlink® 8100 Series is an optical distribution amplifier (D.A.) that may be configured to transmit from two to 12 channels of any type of signal(s) supported by the Pure Digital Fiberlink line of products. The 8100 Series D.A. receives an optical signal from any Pure Digital Fiberlink transmitter and then digitally regenerates and relaunches it without incurring any additional degradation to the original baseband video, audio or data signal(s). Depending on the configuration of the D.A., the signal is relaunched over two to 12 separate fibers, creating up to twelve identical "copies" of the original optical signal.

Each 8100 Series unit may be configured to receive signals over multimode or single mode fiber at wavelengths of 850, 1310 or 1550 nm. The fiber type and wavelength for the output channels are

configured separately in groups of two, for a total of up to six different settings. Each channel may transmit to either a Pure Digital Fiberlink receiver unit or to another 8100 or 8000 Series D.A., allowing for complex distribution designs.

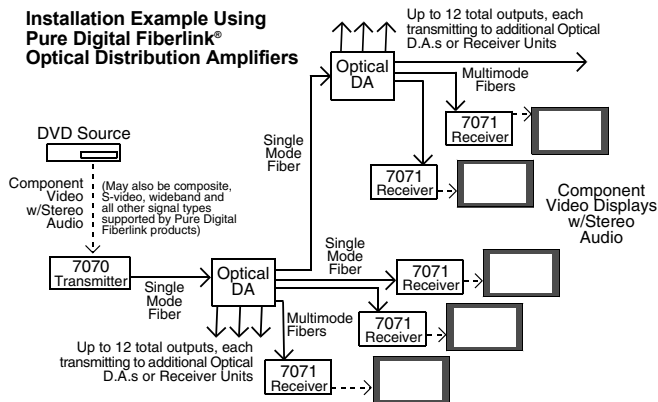
Each 8100 Series Optical D.A. fills one rack unit in a standard 19" rack.

FEATURES INCLUDE:

- Absolutely no degradation to original baseband signals
- Works with all one-way Pure Digital Fiberlink systems
- 2 to 12 Channels
- Inputs and outputs separately configured
- 850, 1310 or 1550 nm
- 1 RU high

PURE DIGITAL FIBERLINK®

12 Channel Optical Distribution Amplifier 8100 Series



ORDERING INFORMATION:

- 12 Channel Optical DA Unit P/N (each "W" = 2 outputs)
- Configured for 2 output 8102-yz-wp
- Configured for 4 outputs 8104-yz-wwp
- Configured for 6 outputs 8106-yz-wwwp
- Configured for 8 outputs 8108-yz-wwwwp
- Configured for 10 outputs 8110-yz-wwwwwp
- Configured for 12 outputs 8112-yz-wwwwwwp

y=8 for 850 nm receiver input
 y=3 for 1310/1550 nm receiver input
 z=S for ST connector on receiver input
 z=F for FC connector on receiver input

Output Configurations:
 w=A for 850nm, MM, ST
 w=B for 850nm, MM, FC
 w=C for 1310nm, MM, ST
 w=D for 1310nm, MM, FC
 w=E for 1310nm, SM, ST
 w=F for 1310nm, SM, FC
 w=G for 1550nm, SM, ST
 w=H for 1550nm, SM, FC

p=NA for N. America
 p=AU for Australia
 p=EU for Europe
 p=JP for Japan
 p=UK for United Kingdom