



RS485 Drop & Repeat Data Transceivers

FEATURES:

- ◆ Drop and Repeat Network Architecture
- ◆ Data Re-clocking
- ◆ DC to 200 Kb/s
- ◆ Activity LED Indicators for Data Tx and Rx for each Channel
- ◆ Optical Level LED Indicators

SPECIFICATIONS:

DATA:

Interface RS-485 (2 or 4 Wire)
 Format Asynchronous
 Rate DC to 200 Kbit/s
 Connector Terminal Block

OPTICAL:

Wavelength:
 One Fiber 1310/1550nm
 Two Fiber 1310 nm
 Loss Budget
 Singlemode 9/125u 15 dB
 Multimode 62/125u 10 dB
 Connector
 Singlemode ST, SC
 Multimode ST, SC

POWER:

Voltage 12 VDC
 Current 650 mA
 Connector 2 Pin Terminal Block

Power Supply:

Module PS-12D

PHYSICAL:

Temperature -40 °C to 75 °C
 Humidity 5 % to 95 %

Size:

Module 8¼" x 4¼" x 1⅛"



The American Fibertek 481T Series transceivers provide “Drop & Repeat” data transmission of EIA RS-485 data signals over one or two fibers. The module is powered from the 12 VDC power supply. For ease of installation, diagnostic indicators provide a quick visual indication of system status.

ORDERING INFORMATION:

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| MX-481T-ST | Two Fiber Multimode ST Connectors 1310nm |
| MX-481T-SC | Two Fiber Multimode SC Connectors 1310nm |
| MX-481T-1F-ST | One Fiber Multimode ST Connectors 1310nm/1550nm |
| MX-481T-1F-SC | One Fiber Multimode SC Connectors 1310nm/1550nm |
| MX-481T-1F-SL-ST | One Fiber Singlemode ST Connectors 1310nm/1550nm |
| MX-481T-1F-SL-SC | One Fiber Singlemode SC Connectors 1310nm/1550nm |

