

DESCRIPTION

The Series DL403 is a four-channel T1 or E1 transceiver. This system will transmit every type of encoding —AMI or B8ZS for T1; HDB3 for E1 (European equivalent). Each channel has four status LED's to aid in installation and troubleshooting. A special circuit is included to remove any jitter. Two fibers are required. Typical applications would be to transmit information between remote PBXs or Channel Banks.

DL403: 4 Channel T1/E1 Fiber Optic Multiplexer

BENEFITS

- Extend multiple T1/E1 over Fiber
- Multimode or Singlemode versions
- Distances up to 110+ km
- Up to Four (4) T1 or E1 channels

FEATURES

- Any type of Encoding: AMI, E8ZS or HDB3
- Jitter free
- Status Indicators



**Radiant
Communications
Corporation**

Phone: 908 757 7444 or 800 969 3427
Fax: 908 757 8666
E-mail: sales@rccfiber.com
www.rccfiber.com

P.O. Box 867
South Plainfield
NJ 07080
USA

8/2007

DL403 4 Channel T1/E1 Fiber Optic Multiplexer

SPECIFICATIONS

Bandwidth
DC to 2.048 Mbps

Channels
1 to 4 (T1 or E1)

BER
10⁻⁹

Optical

Wavelength: 850 nm, 1310 nm, 1550 nm, CWDM, DWDM
Number of Fibers: 1 or 2
Optical Connector: ST, SC/APC, SC, FC, FC/APC

Electrical connector
Terminal Block

General Characteristics

Power: 12 V DC @ 1.5 A
Operating Temperature: 0° to 50° C
Size: 2U rackmount 16.0" W x 12.0" D x 3.5" H
module 7.5" W x 10.0" D x 2.6" H

ORDERING INFORMATION

PART NUMBER	DESCRIPTION	ATTENUATION	MAX DISTANCES
DL403/-XY8	T1 Multiplexer, 2 Fibers, Multimode 850 nm	12 dB	2 km
DL403/I3-XY2	T1 Multiplexer, 2 Fibers, Multimode 1310 nm	12 dB	0-5 km
DL403/SM-XY3	T1 Multiplexer, 2 Fibers, Singlemode 1310 nm	9 dB	0-30 km
DL403/SMHP-XY3	T1 Multiplexer, 2 Fibers, Singlemode 1310 nm	18 dB	20-50 km
DL403/SMSP-XY3	T1 Multiplexer, 2 Fibers, Singlemode 1310 nm	28 dB	50-80 km
DL403/SMUP-XY5	T1 Multiplexer, 2 Fibers, Singlemode 1310/1550 nm	28 dB	80-110 km
DL403A/SM-XY5	T1 Multiplexer, 1 Fibers, Singlemode 1310/1550 nm	18 dB	30 km

Note:

- Specify X—packaging of the unit: U—IU rack mount, M—modular (standalone) mount
- Specify Y—connector type: A—SC/APC, E—SC, B—FC, Z—FC/APC, D—ST
- For higher optical budgets and distances, CWDM and DWDM systems, contact factory



**Radiant
Communications
Corporation**

Phone: 908 757 7444 or 800 969 3427
Fax: 908 757 8666
E-mail: sales@rccfiber.com
www.rccfiber.com

P.O. Box 867
South Plainfield
NJ 07080
USA

8/2007