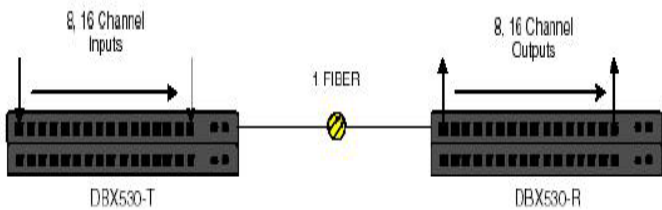


# DBX530 M/S: Contact Multiplexer, 8 or 16 Channel

## DESCRIPTION

Radiant Communications DBX530 Series can be ordered as a multimode or singlemode transmission system. The system can transmit distances of up to 100+ km on singlemode fiber, and 10 km on multimode. The DBX530 Series transmits 8 or 16 channels of low-speed digital data or contact/switch information over one fiber, and can be rack mounted in our CR200 19" x 525" rack. Like all Radiant Communications transmission systems, no adjustments are required at time of installation, or anytime thereafter



## BENEFITS

Multimode Distances up to 10 km

Singlemode Distances up to 100+ km

## FEATURES

Contact Closure, 8 or 16 Channels, Over One Fiber

Diagnostic Indicators



**Radiant  
Communications  
Corporation**

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P.O. Box 867  
South Plainfield  
NJ 07080  
USA

2/2005

# ▶ DBX530 M/S: Contact Multiplexer, 8 or 16 Channel

## SPECIFICATIONS

### I/O Logic Level

Per Contact Closure

### Output

N/O Reed Delay

### Connector

Data: 50 pin AMP

### Optical

Wavelength: 850nm, 1310nm, 1550nm, CWDM, DWDM

Number of Fibers: 1 or 2

Optical Connector: ST, SC/APC, SC, FC, FC/APC

### General Characteristics

Power: 0.4 A @ +12-16 VDC

Operating Temperature: -20° to 50° C

Storage Temperature: -40° to 85° C

Size: rackmount 17.0" W x 13.0D x 1.75" H  
 module 2.5" W x 4.0D x 1.0" H  
 Card Cage 1 Slot in CR200

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION	ATTENUATION	MAX DISTANCES
DBX530M-T-XY8	Contact Multiplexer Transmitter, 2 Fibers, Multimode 850nm	12 dB	0-3 km
DBX530M-R-XY8	Contact Multiplexer Receiver, 2 Fibers, Multimode 850nm	12 dB	0-3 km
DBX530M-T-XY3	Contact Multiplexer Transmitter, 2 Fibers, Multimode 1310nm	15 dB	0-10 km
DBX530M-R-XY3	Contact Multiplexer Receiver, 2 Fibers, Multimode 1310nm	15 dB	0-10 km
DBX530S-T-XY3	Contact Multiplexer Transmitter, 1 Fiber, Singlemode 1310nm	18 dB	0-50 km
DBX530S-R-XY3	Contact Multiplexer Receiver, 1 Fiber, Singlemode 1310nm	18 dB	0-50 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
- Channels—Please state how many channels you need 8 or 16
- For higher optical budgets and distances, CWDM and DWDM systems, contact factory



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