

## DL230 Bandwidth Selectable 10/100 Ethernet Transceiver

**Radiant Communications DL230 Series is the most revolutionary 10/100 Ethernet Transceiver on the market. This product line contains almost every feature imaginable...**

It consists of a Master Unit (DL230M) at the central location and a Slave Unit (DL230S) at the remote location. The Master Unit controls all the functionality of the system. The most important feature is the selection of Bandwidth throughput (250kbs-100Mbs) in each direction (can be asymmetrical). SNMP management is included; it can be either in-band (password protected) or out-of-band. The DL230 units can interface with all combinations of Full Duplex, Half Duplex, 10BT or 100BTx; but the fiber transmission is always Full Duplex, 100 BaseFx (at the selected bandwidth). So there are no distance limitations except the power of optics. There are also versions for single fiber, dual fiber, CWDM and DWDM. The series DL230 is the perfect product to sell bandwidth to customers. Plus many other applications.

### DESCRIPTION

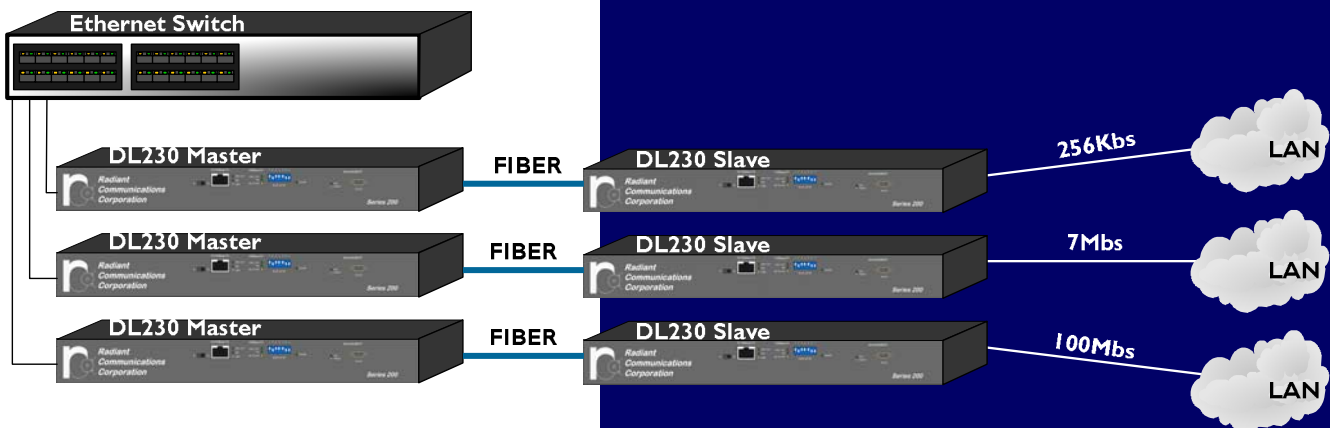


### BENEFITS

- Selectable Bandwidth From 256k to 100M
- Truly universal
- In Band or Out of Band Management
- Transmission distances of 100 km or more

### FEATURES

- Interfaces with ALL Ethernet formats
- SNMP Management
- Options for CWDM and DWDM Systems



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# DL230

## SPECIFICATIONS

### Standards Supported

IEEE 802.3:  
 10Base-T, Full or Half Duplex  
 100Base-TX, Full or Half Duplex  
 100Base-FX, Full Duplex

### Optical

Wavelength: 850nm, 1300nm, 1310nm, 1550nm,  
 1310/1550nm, CWDM, DWDM  
 Number of Fibers: 2 (DL230), 1 (DL230A)  
 Power Budget: see table below

### General Characteristics

Power: 15W @ 90 to 240V AC  
 Operating Temp: -10° to 50° C  
 Storage Temp: -40 to 85° C  
 Humidity: 0-95% non-condensing  
 Size: 17.0" W x 13.0D x 1.75" H

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION	ATTENUATION	MAX DISTANCES
DL230X-UY8	Transceiver, Multimode 850nm, 2 fibers	9dB	2km
DL230X-UY2	Transceiver, Multimode 1300nm, 2 fibers	9dB	6km
DL230X/SM-UY3	Transceiver, Singlemode 1310nm, 2 fibers	9dB	20km
DL230X/SMHP-UY3	Transceiver, Singlemode 1310nm, 2 fibers	18dB	50km
DL230X/SMSP-UY3	Transceiver, Singlemode 1310nm, 2 fibers	28dB	80km
DL230X/SMUP-UY5	Transceiver, Singlemode 1550nm, 2 fibers	28dB	110km
DL230XA-UY8 DL230XA-UY2	Set of Transceivers, Multimode 850nm, 1 fiber	6dB	2km
DL230XA/SM-UY3	Transceiver, Singlemode 1310nm, 1 fiber	9dB	20km
DL230XA/SM2-UY3	Transceiver, Singlemode 1310nm, 1 fiber	18dB	50km
DL230XA/SMSP-UY5 DL230XA/SMSP-UY3	Set of Transceivers, Singlemode 1310nm/1550nm, 1 fiber	28dB	80km

### Note:

- Specify X— M (MASTER) or S (SLAVE)
- Specify Y—connector type: A—SC/APC, E—SC, B—FC, Z—FC/APC, D—ST
- Add -SNMP for SNMP management
- Add -48 for 48VDC power
- For higher optical budgets and distances, CWDM and DWDM systems, contact factory



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