

**SERIES DL200: Ethernet Transport Over Fiber**

Radiant Communications manufactures a variety of long distance Fiber Optic Transmission Systems for Ethernet. Taken as a whole, this family of products can transport anything from four Gigabit Ethernets down to one 10Mb Ethernet. This can be done for any type of architecture: point-to-point, star, ring, or bus; or any combination. There are a variety of options for single fiber bi-directional transmission and distances up to 100Km and over. The entire DL200 product family utilizes full duplex Ethernet that is collision less. This is why these long distances are achievable. The purpose of the DL200 family is to interconnect many buildings together; each with their own LAN; (Local Area Network) into a WAN (Wide Area Network) or MAN (Metropolitan Area Network).

As a total solutions provider, Radiant offers many features that can be added to these systems. For instance, the V3000 series of video codecs can be added to transport MPEG1 or MPEG2 video (one way or bidirectional) for a variety of applications: video conferencing, distance learning, medical imaging, or security TV. Also available is an Ethernet to RS232 converter (DL215) which can transmit process control or security access control information. **New options include DWDM (ITU Grid) and CWDM.** Stay tuned for additional features to be added.

The DL200 Ethernet family is standards based and will interface with any other manufacturers switches, routers, hubs, etc. The DL200 family also includes our own switches — layer 2, layer 3 and layer 7. We can provide a complete end-to-end solution or just the long distance fiber transport.

On the reverse side is a typical Ethernet WAN/MAN example.



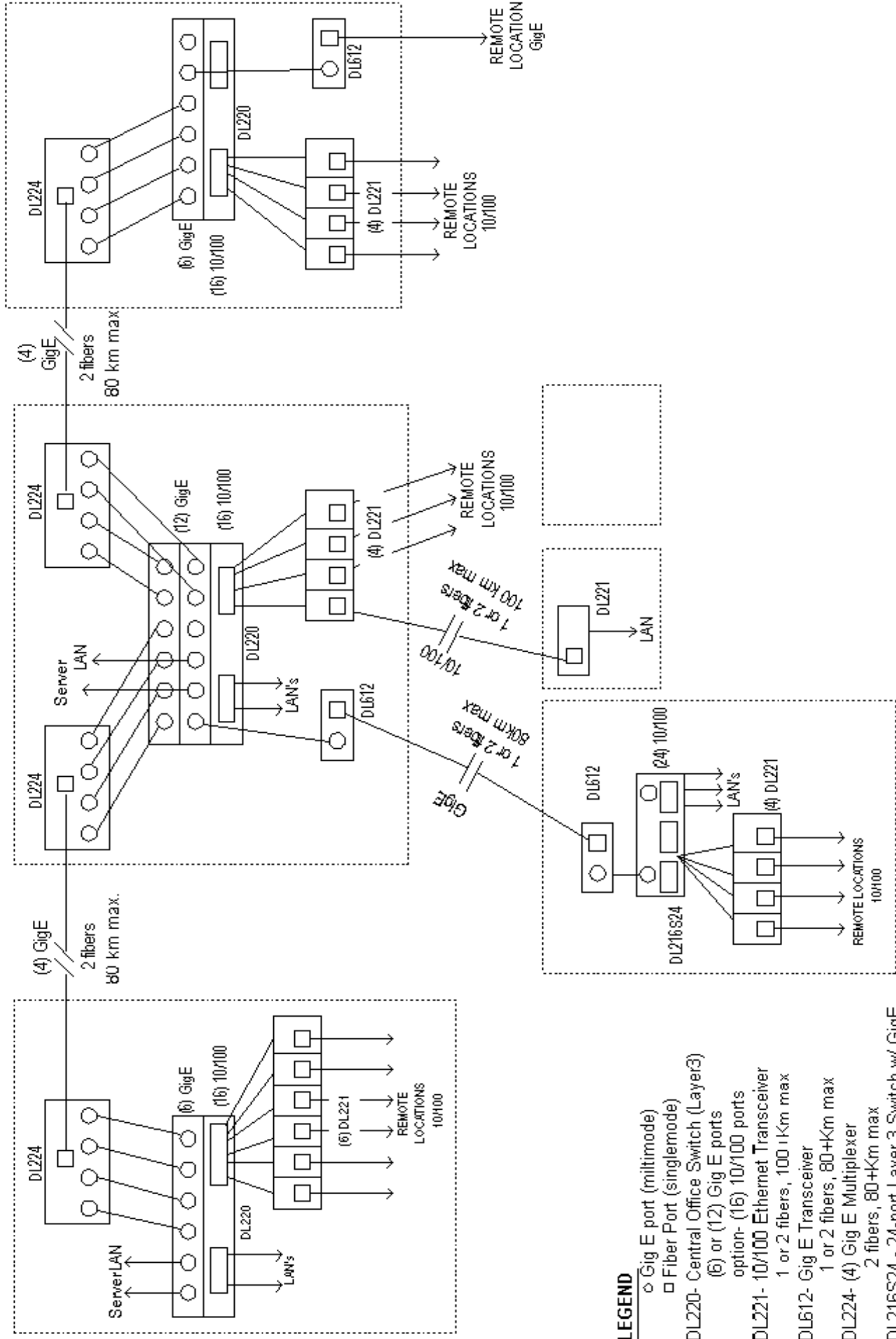
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# Typical Ethernet WAN/MAN



## LEGEND

- Gig E port (multimode)
- Fiber Port (singlemode)
- DL220- Central Office Switch (Layer3)
- (6) or (12) Gig E ports option- (16) 10/100 ports
- DL221- 10/100 Ethernet Transceiver 1 or 2 fibers, 100+Km max
- DL612- Gig E Transceiver 1 or 2 fibers, 80+Km max
- DL224- (4) Gig E Multiplexer 2 fibers, 80+Km max
- DL216S24 - 24-port Layer 3 Switch w/ GigE