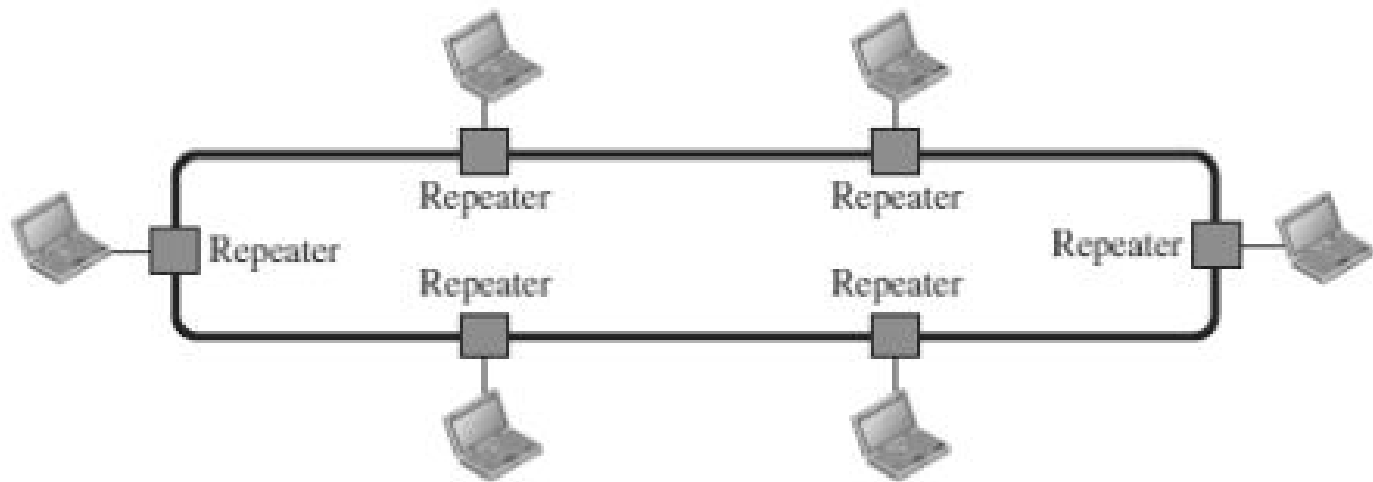


# Ring Topology

Elementrix Classes

# Ring Topology

- ❑ In a ring topology, each device has a dedicated point-to-point connection with only the two devices on either side of it.
- ❑ A signal is passed along the ring in one direction, from device to device, until it reaches its destination.
- ❑ Each device in the ring incorporates a repeater.
- ❑ When a device receives a signal intended for another device, its repeater regenerates the bits and passes them along.



### **Advantages of Ring Topology**

1. Transmitting network is not affected by high traffic or by adding more nodes, as only the nodes having tokens can transmit data.
2. Cheap to install and expand

### **Disadvantages of Ring Topology**

1. Troubleshooting is difficult in ring topology.
2. Adding or deleting the computers disturbs the network activity.
3. Failure of one computer disturbs the whole network

पढ़िए और पढ़ाइये

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