

APPENTIX-1

Optical Communications Primer

1. Single channel

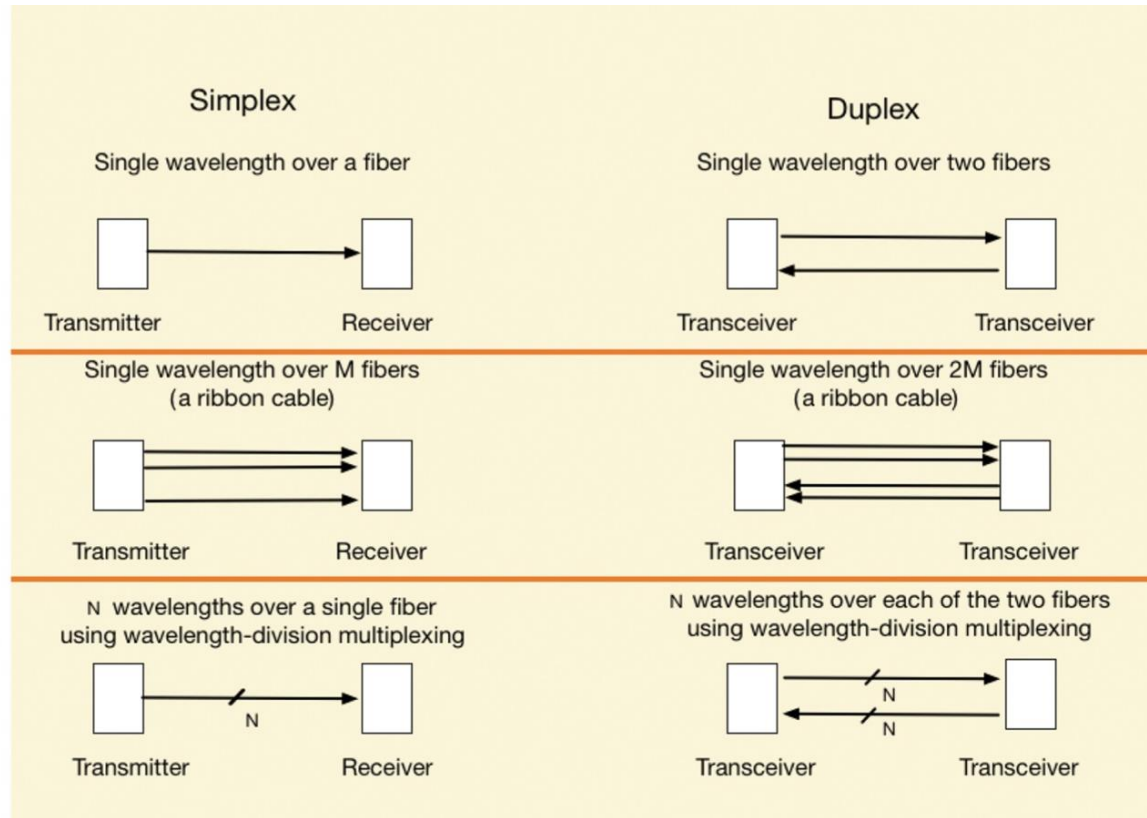


Figure A1.1: The main three approaches used for optical communications.

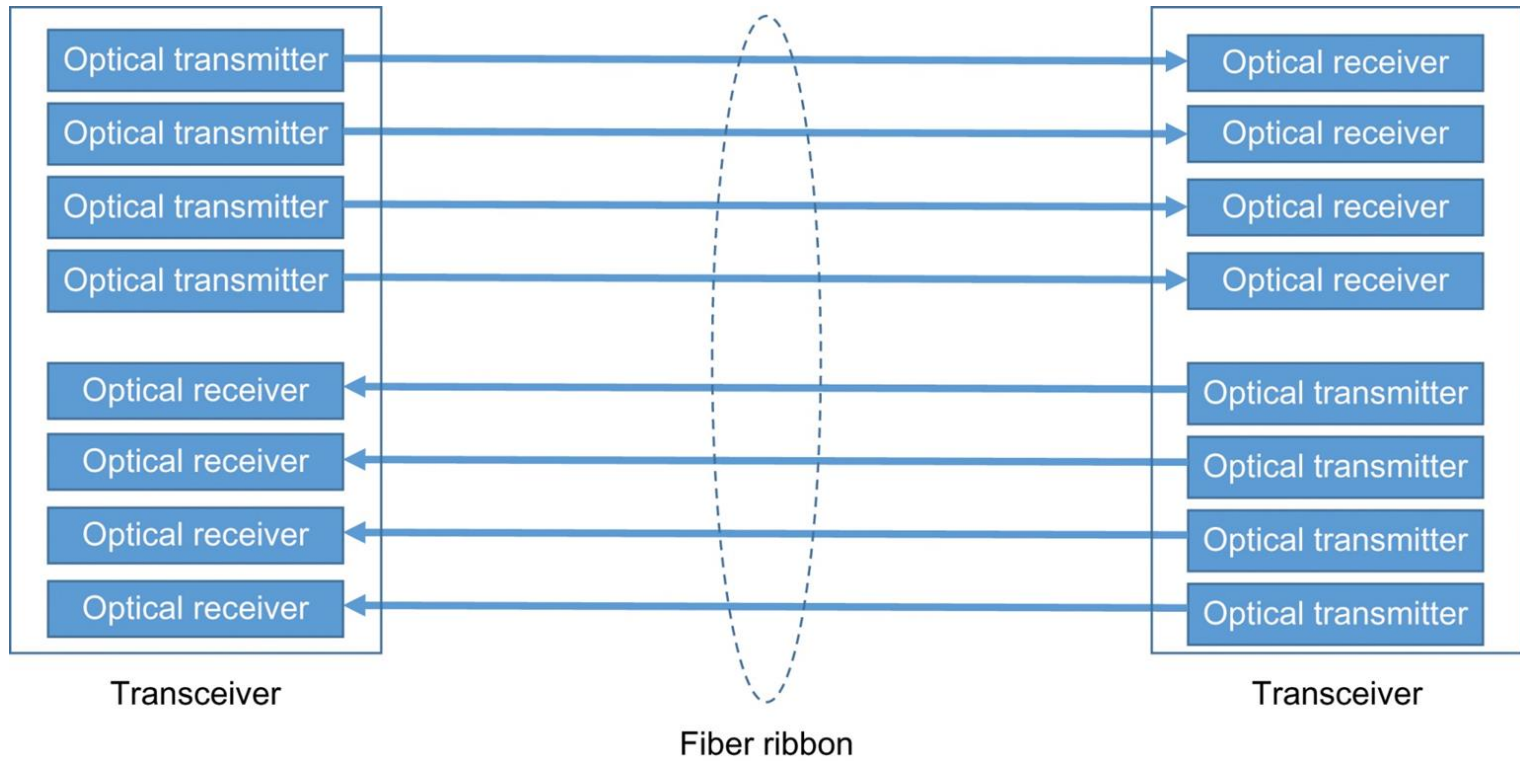


Figure A1.2: A parallel optical link illustrating four transmit and receive lanes.

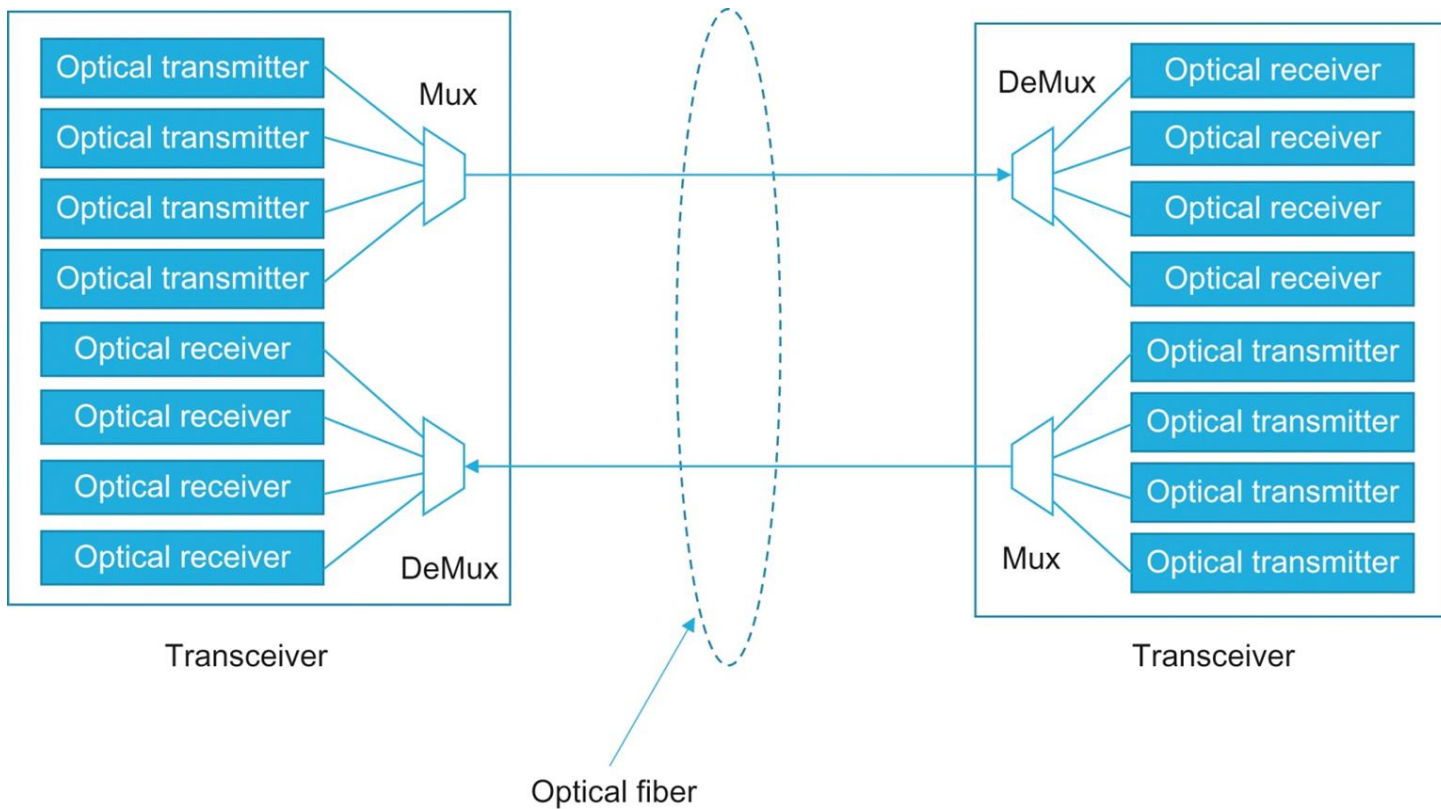


Figure A1.3: A CWDM4 transceiver optical link using wavelength-division multiplexing.

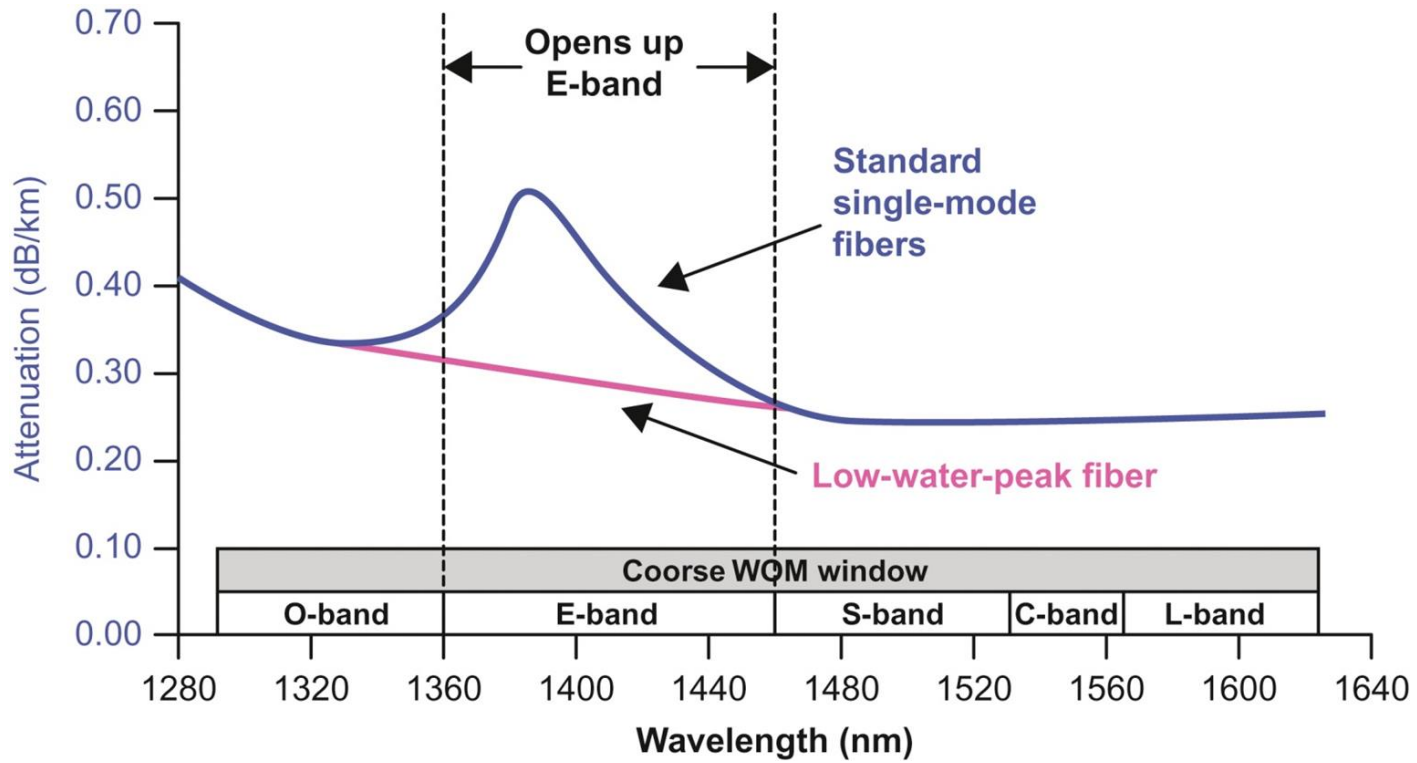


Figure A1.4: Optical attenuation curve of a germanosilicate fiber.

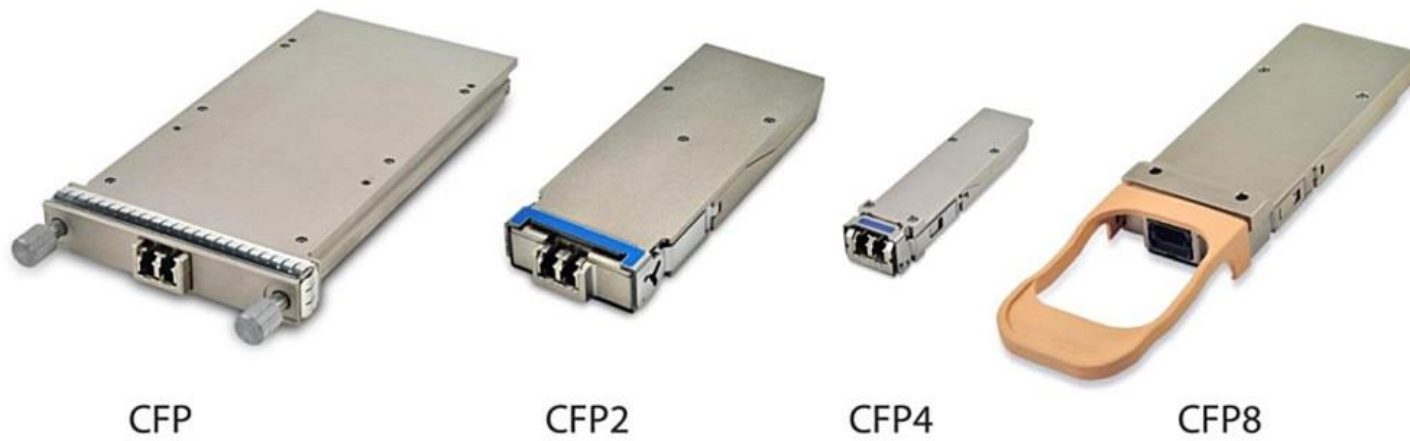


Figure A1.5: The CFP MSA family members. Finisar.