

# Спектральное уплотнение. Радуга в волокне.

Вадим Алимов  
Maximum-Net LLC  
LC-Line

Longer links – more bandwidth

Coarse-

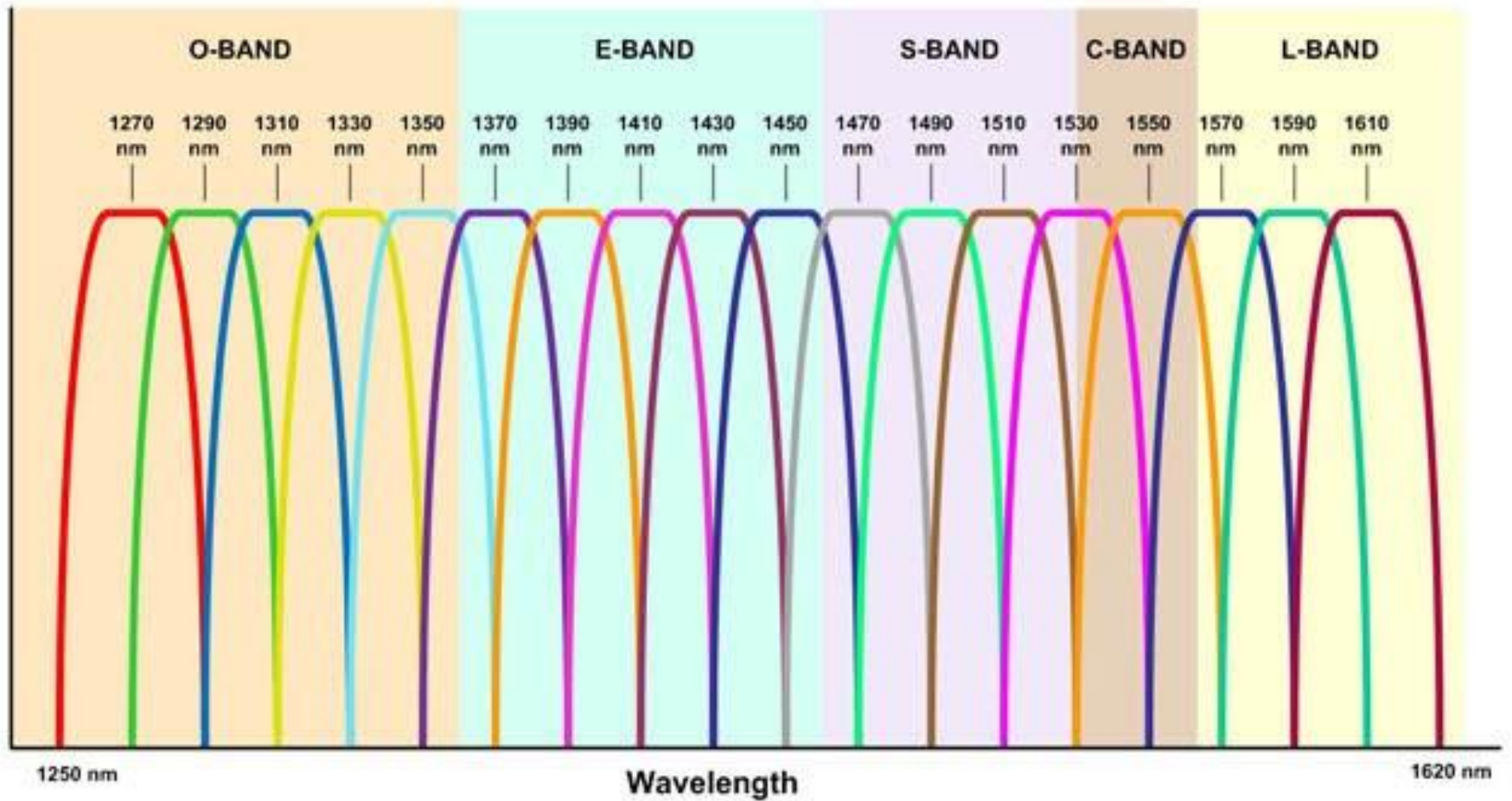
Dense-

**Wavelength Division Multiplexing**

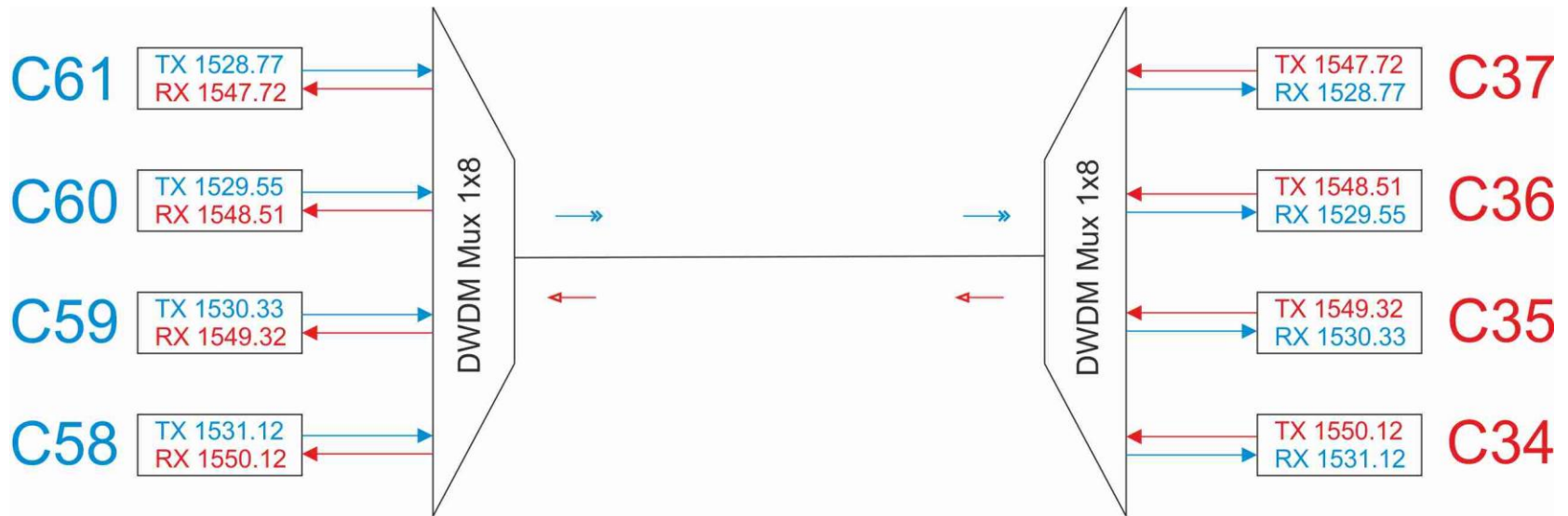
# Способы уплотнения

- WDM
- Circulator
- CWDM
- DWDM

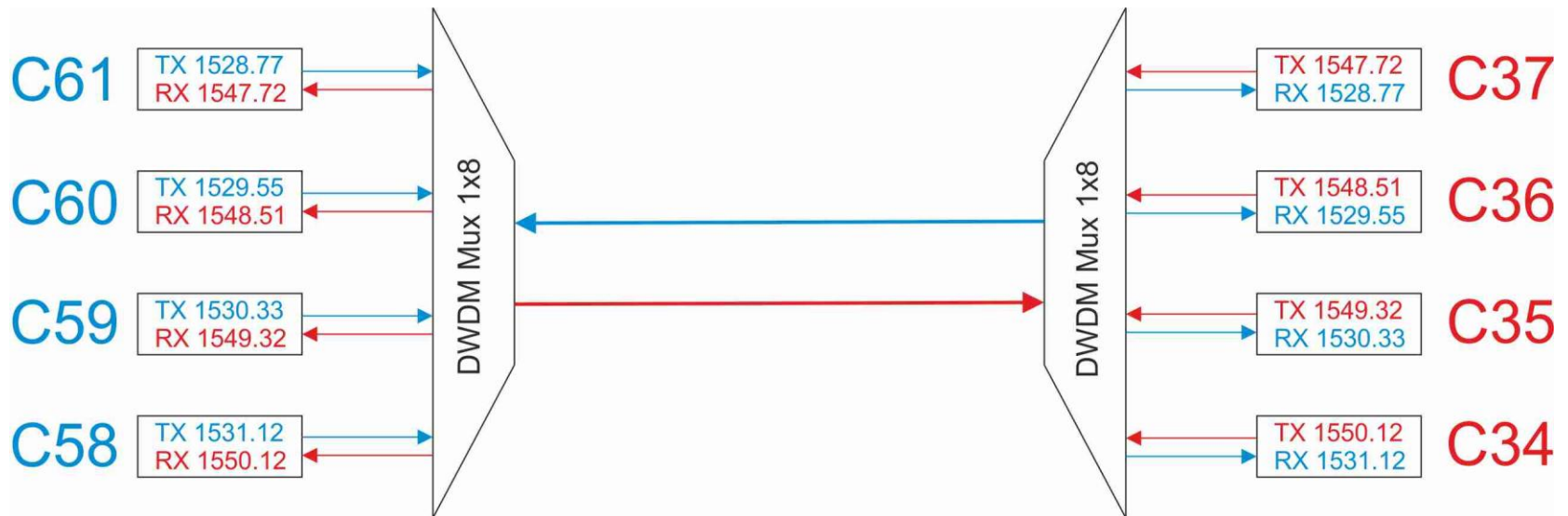
## CWDM Wavelength Grid as Specified by ITU-T G694.2



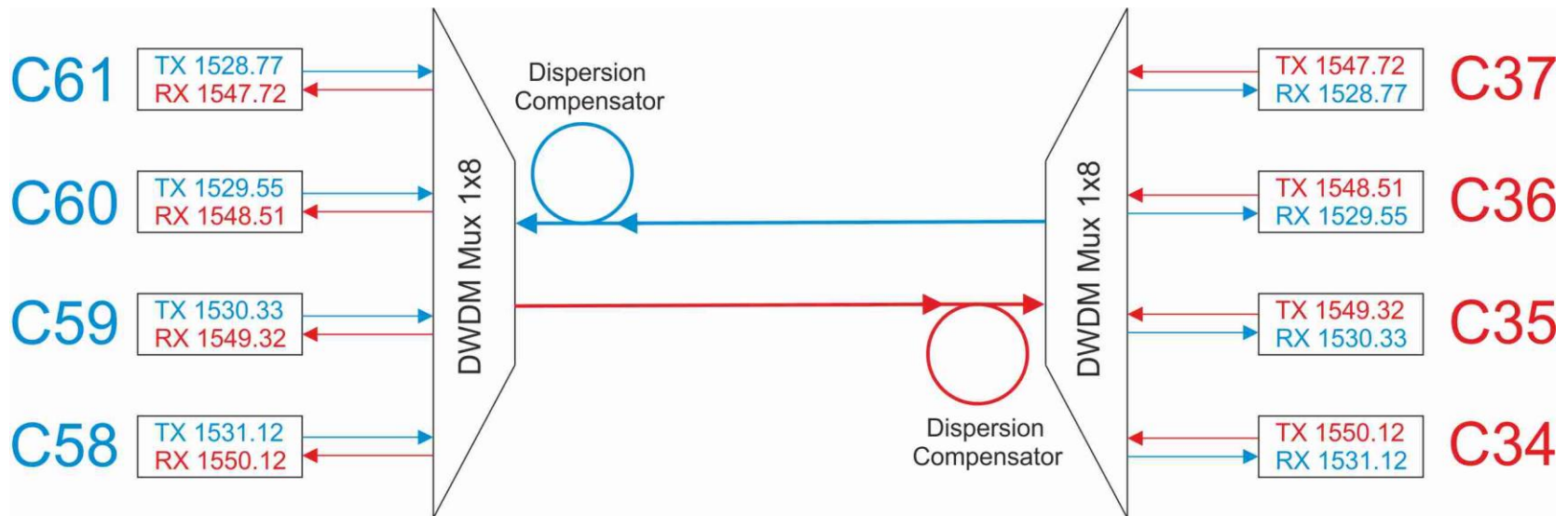
# Single fiber



# Two different fibers for Tx and Rx



# Dispersion compensators



**Do not buy fibers. Buy rainbow.**

**Q?**