



The whole truth about CWDM transmission

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1. What is CWDM?

Operation rule of CWDM, proper norms and standards.

2. Passive vs active CWDM

Advantages and disadvantages of CWDM, types and functionalities of CWDM networks.

3. The most important parameters of CWDM filters

Spectral profile of CWDM filters, insertion loss, bandwidth, isolation, temperature stability

4. Optical project of CWDM connection

Power, spectral profile of optical fibers attenuation, chromatic dispersion, wavelength, Raman scattering SRS, Brillouin SBS scattering, Rayleigh scattering.

5. CWDM filters production technologies

TFF, Compact CWDM, free-space CWDM, AWG, PLC.

6. Specialized functionalities concerning CWDM devices

Work monitoring ports, ODTR monitoring ports, attenuation minimizing, upgrade ports, 1310 nm duct, OSC/DWDM ducts, HI/LO filters, optical broadcast, DWDM module, CWDM/DWDM hybrid multiplexers, front panels.