CAPACITY SOLUTION, 5 CHANNEL CWDM PLUS 1310NM & 1550NM, POINT-TO-POINT

SITUATION

Between two locations (locations A and Z) you need to add multiple new 1Gig, 10Gig or 100G services, but you lack additional fiber capacity. Refer to Figure 1 below for a logical diagram of this application.

SOLUTION

Using the 5Ch CWDM +1310nm & 1550nm filters will provide a passive, non-powered, low loss option to add required capacity along the span. This solution includes five CWDM wavelengths, one 1310nm wavelength and one 1550nm wavelength for a total of seven "point to point" circuits. For maximum capacity, the ideal deployment strategy is to utilize CWDM wavelengths for 1Gig and 10Gig services and the 1310nm and 1550nm wavelengths for 100Gig services.

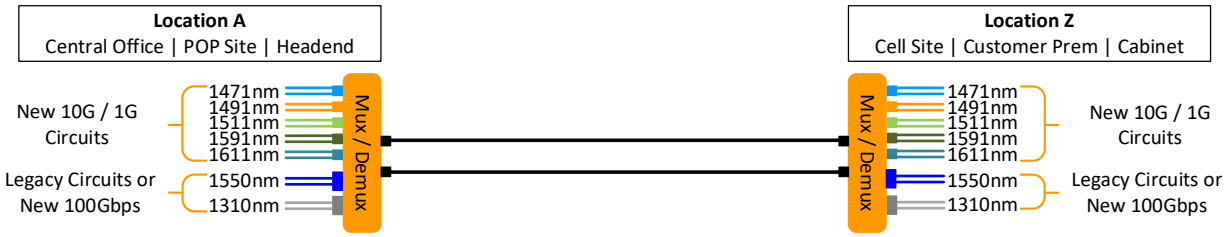
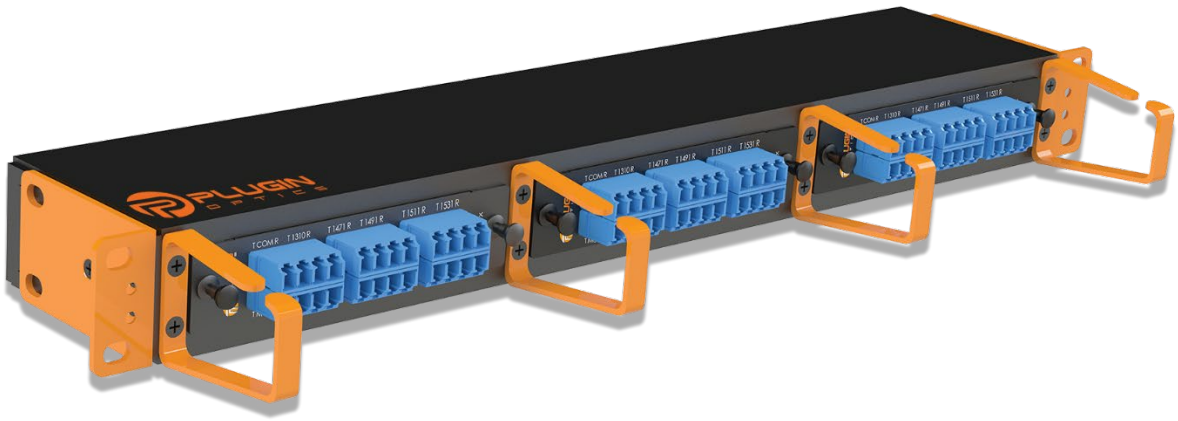


FIGURE 1: POINT-TO-POINT CWDM

- **Low Loss:** 1310nm < 1.5db, 1550nm< 1.8db, COM-CH <2.7db
- **Quick to Deploy:** Typically, in Minutes
- **Versatile:** 7 Circuits on Two Fibers

FEATURES	HIGHLIGHTS	ENVIRONMENT
5 Channel CWDM + 1310 & 1550	**Low Loss:** 1310nm < 1.5db,	Central Office
7 to 1 Capacity Gain	1550nm <3.3db	Headend
2% Monitor Port	COM-CH <2.7db	Remote Site
Form Factor: LGX	**Quick to Deploy:** Typically, in Minutes	Cabinet
Temp Range: I-Temp	**Versatile:** Available for ITU Ch20 to Ch 59	Pedestal

ORDERING INFORMATION	
PART NUMBER	**DESCRIPTION**
PLO-L1CT-C7C1-LC	LGX, 7 CHANNEL, CWDM MUX-DEMUX, 1471-1491-1511, 1591-1611, 1310NM, 1550NM, 2% MONITOR, LC-UPC
NOTE: SEE PLUGIN OPTICS LGX MOUNTING CHASSIS BELOW.	



PLUGIN OPTICS 1RU LGX CHASSIS EQUIPPED WITH 3 LGX MODULES