CAPACITY SOLUTION, 8 CHANNEL DWDM, POINT-TO-POINT

SITUATION

Between two locations (locations A and Z) you need to add multiple new services between the two but don't have any free fiber. Using the 8Ch DWDM + 1310nm port will allow you to include any existing 1310nm service you many have on the fiber along with 8 new DWDM services. Refer to Figure 1 below for a logical diagram of this application.

SOLUTION

Using 8Ch DWDM +1310nm wideband filters will provide a passive, non-powered, low loss solution to add the needed capacity along the span. This solution includes the 1310nm port which could be used for any legacy circuits that may be on the fiber or an upgrade channel for a low cost 100Gbps connection. Also, along with the 8 channels of DWDM these filters also include an expansion port to allow the cascading of 8ch filters increasing the overall line capacity as needed.

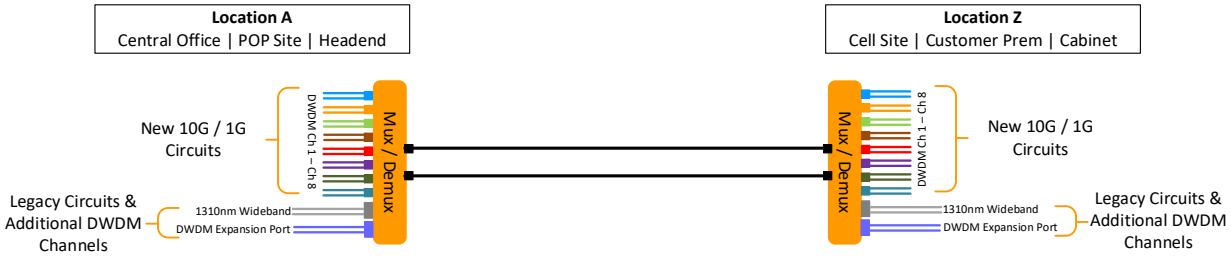


FIGURE 1: POINT-TO-POINT DWDM

FEATURES

8 Channel DWDM + 1310
Expansion Port
5 Variants: ITU Channels 20-59
2% Monitor Port
Form Factor: LGX
Temp Range: I-Temp

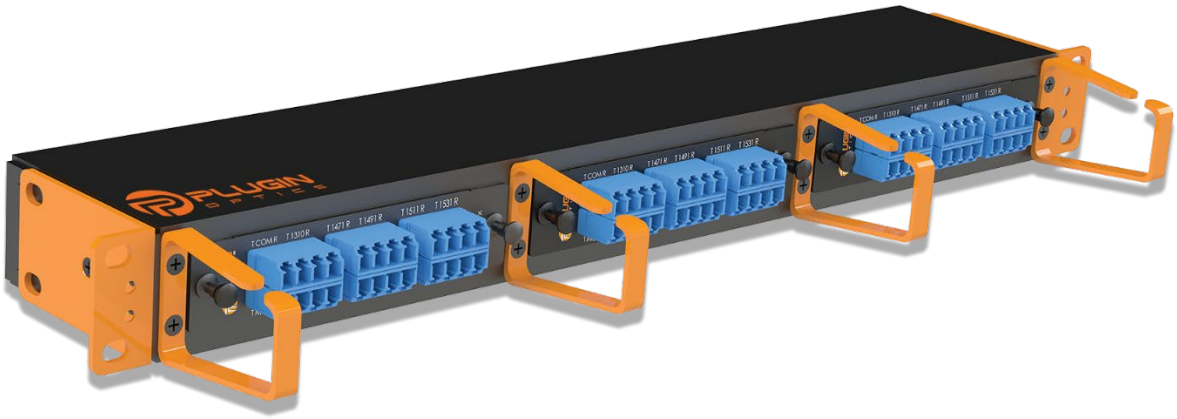
HIGHLIGHTS

Low Loss: 1310nm < 1.4db
COM-CH <3.7db
COM-EXP <2.4db,
Quick to Deploy: Typically, in Minutes
Versatile: Available for ITU Ch20 to Ch 59

ENVIRONMENT

Central Office
Headend
Remote Site
MDU

ORDERING INFORMATION	
PART NUMBER	**DESCRIPTION**
PLO-L2DT-B9C1-LC	LGX, 8 CHANNEL DWDM +1310 +EXP, MUX-DEMUX, ITIU C21-C27, 1561.42 - 1555.75, 2% MONITOR, LC-UPC
PLO-L2DT-B9C2-LC	LGX, 8 CHANNEL DWDM +1310 +EXP, MUX-DEMUX, ITU C28-C35, 1554.94 - 1549.32, 2% MONITOR, LC-UPC
PLO-L2DT-B9C3-LC	LGX, 8 CHANNEL DWDM +1310 +EXP, MUX-DEMUX, ITU C36-C43, 1548.51 - 1542.94, 2% MONITOR, LC-UPC
PLO-L2DT-B9C4-LC	LGX, 8 CHANNEL DWDM +1310 +EXP, MUX-DEMUX, ITU C44-51, 1542.14 - 1536.61, 2% MONITOR, LC-UPC
PLO-L2DT-B9C5-LC	LGX, 8 CHANNEL DWDM +1310 +EXP, MUX-DEMUX, ITU C52-C59, 1535.82 - 1530.33, 2% MONITOR, LC-UPC
NOTE: BE SURE TO CHECK OUT PLUGIN OPTICS LINE OF LGX MOUNTIONG SOLUTIONS.	



PLUGIN OPTICS 1RU LGX CHASSIS EQUIPPED WITH 3 LGX MODULES