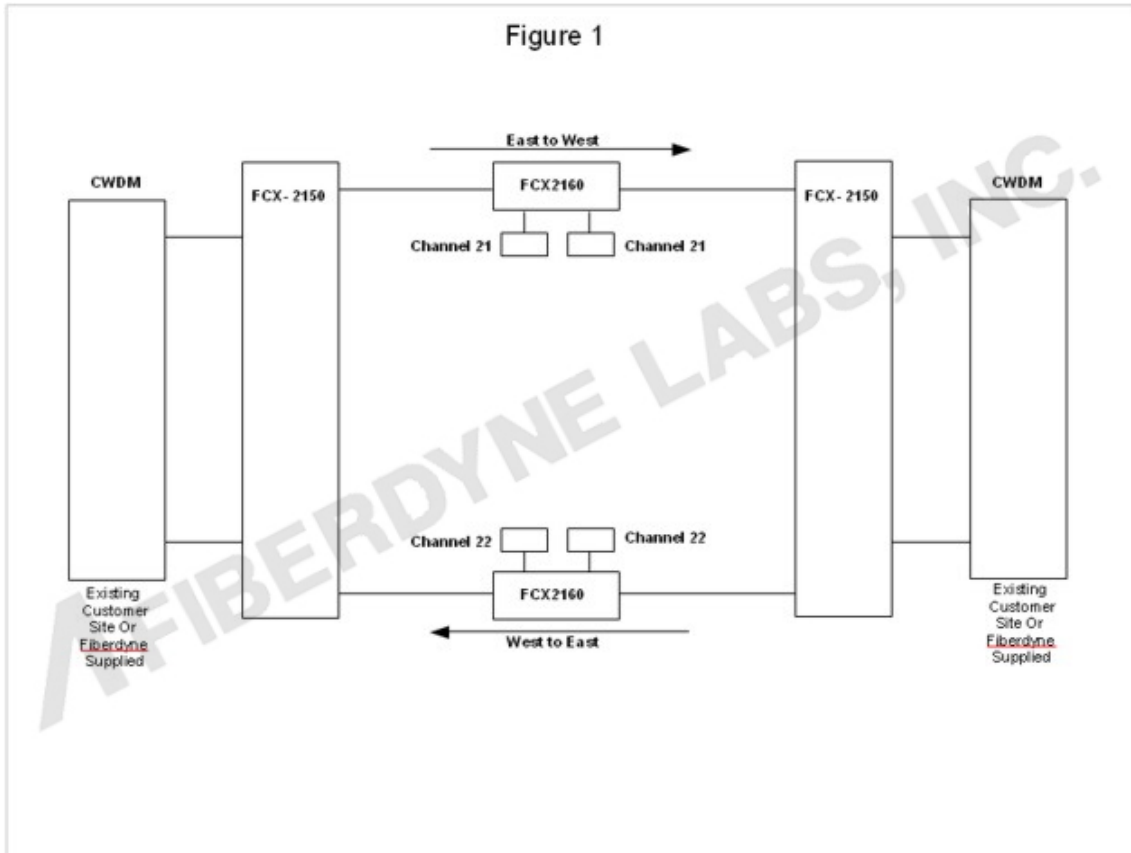


**Introduction:**

The FCX 2160 is a 2 Channel 100GHz DWDM Optical Add/Drop Multiplexer (OADM) which is a member of the CWDM/DWDM family of Fiberdyne Doublers. The OADM allows the Add/Drop capability to DWDM Wavelengths at intermediate site between 2 doublers. A typical application is illustrated below in Figure 1.



Fiberdyne has developed a complete family of products that encompasses the combination of CWDM and DWDM technology.



**Specifications:**

Parameters	Path	Max/Min	Units
Operating Bandwidth		1460-1620	nm
Channel Spacing		100	GHz
Insertion Loss		2	dB
Isolation	Pass Port	15	dB
Isolation Loss	Adjacent Port	30	dB
Return Loss		45	dB
Directivity		45	dB
PDL		0.2	dB
Operating Temperature		0 to 65	C°
Storage Temperature		-40 -85	C°