

Champion ONE couplers and FWDMs are manufactured in the USA using proven fused biconical taper (FBT) technology, and are designed to meet Telcordia requirements. This dual window variety has a 50/50 split ratio and is mounted in a ½ width relay rack enclosure. Our FWDM’s feature low insertion loss and high isolation. A choice of connectors is available.



1310/1550nm Dual FWDM		
	Minimum	Maximum
1310 wavelength Range	1260nm	1360nm
1550 wavelength Range	1450nm	1630nm
Insertion Loss (dB) 1310 Port		1.3dB
Insertion Loss (dB) 1550 Port		1.3dB
Mux and Demux Link IL (dB)		2.5dB
Isolation (dB) 1310 Port	40	
Isolation (dB) 1550 Port	40	
Demux Tap port IL (dB)	17	19
Mux Tap port IL (dB)	17	23
Ripple (dB)		0.5
Return Loss (dB)	45	
Directivity (dB)	50	
PDL (dB)		0.2
PMD (ps)		0.2
Package Dimensions:	9.5" half rack	
Fiber Type	Corning SMF28e+ or equivalent, 900um loose tube	
Connector Type	L: LC/UPC; S: SC/UPC and others	

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Manufactured in the U.S.A.