

# SelectTAP™: Fiber Modular Chassis

1G/10G/25G/40G/100G/400G | 1U Chassis

## Optical Fiber Insertion Loss for OS1, OS2 with 1310/1550nm - Corning 9/125 micron

Split Ratio	Splitter: Single-Mode (OS1, OS2) with LC Connector*		Splitter plus loss with one mated pair**		Splitter plus loss with two mated pairs***	
	Network Port	Monitor Port	Network Port	Monitor Port	Network Port	Monitor Port
50/50	3.6 dB	3.6 dB	3.9 dB	3.9 dB	4.2 dB	4.2 dB
60/40	2.6 dB	4.6 dB	2.9 dB	4.9 dB	3.2 dB	5.2 dB
70/30	1.9 dB	5.8 dB	2.2 dB	6.1 dB	2.5 dB	6.4 dB
80/20	1.3 dB	7.6 dB	1.6 dB	7.9 dB	1.9 dB	8.2 dB
90/10	0.8 dB	11.1 dB	1.1 dB	11.4 dB	1.4 dB	11.7 dB

## Optical Fiber Insertion Loss for OS1, OS2 with 1310/1550 +/-40nm

Split Ratio	Splitter: MTP12 B Style Male Connectors (MPO)		Splitter plus loss with one mated pair**		Splitter plus loss with two mated pairs***	
	Network Port	Monitor Port	Network Port	Monitor Port	Network Port	Monitor Port
50/50	3.6 dB	3.6 dB	3.95 dB	3.95 dB	4.3 dB	4.3 dB
60/40	2.7 dB	4.7 dB	3.05 dB	5.05 dB	3.4 dB	5.4 dB
70/30	1.9 dB	6 dB	2.25 dB	6.35 dB	2.6 dB	6.7 dB
80/20	1.3 dB	7.9 dB	1.65 dB	8.25 dB	2 dB	8.6 dB
90/10	0.75 dB	11 dB	1.1 dB	11.35 dB	1.45 dB	11.7 dB

## Optical Fiber Insertion Loss for OM1, OM3 with 850/1300nm - OM1 Models Corning 62.5 micron - OM3 Models Corning 50 Micron

Split Ratio	Splitter: Multi-Mode with LC Connector*		Splitter plus loss with one mated pair**		Splitter plus loss with two mated pairs***	
	Network Port	Monitor Port	Network Port	Monitor Port	Network Port	Monitor Port
50/50	3.7 dB	3.7 dB	4 dB	4 dB	4.3 dB	4.3 dB
70/30	2.1 dB	6.1 dB	2.4 dB	6.4 dB	2.7 dB	6.7 dB

## Optical Fiber Insertion Loss for OM4 with 850nm - OM4 Clearcurve BIF 900um buffer

Split Ratio	Splitter: Multi-Mode with LC Connector*		Splitter plus loss with one mated pair**		Splitter plus loss with two mated pairs***	
	Network Port	Monitor Port	Network Port	Monitor Port	Network Port	Monitor Port
50/50	3.8 dB	3.8 dB	4.1 dB	4.1 dB	4.4 dB	4.4 dB
60/40	2.7 dB	4.4 dB	3 dB	4.7 dB	3.3 dB	5 dB
70/30	1.8 dB	6.6 dB	2.1 dB	6.9 dB	2.4 dB	7.2 dB
80/20	1.45 dB	7.4 dB	1.75 dB	7.7 dB	2.05 dB	8 dB
90/10	1.1 dB	10.6 dB	1.4 dB	10.9 dB	1.7 dB	11.2 dB

## Optical Fiber Insertion Loss for OM4 with 850nm - OM4 Clearcurve BIF 900um buffer

Split Ratio	Splitter: MTP-12 Multi-Mode Fiber		Splitter plus loss with one mated pair**		Splitter plus loss with two mated pairs***	
	Network Port	Monitor Port	Network Port	Monitor Port	Network Port	Monitor Port
50/50	3.8 dB	3.8 dB	4.15 dB	4.15 dB	4.5 dB	4.5 dB
60/40	2.7 dB	4.4 dB	3.05 dB	4.75 dB	3.4 dB	5.1 dB
70/30	1.8 dB	6.6 dB	2.15 dB	6.95 dB	2.5 dB	7.3 dB
80/20	1.45 dB	7.4 dB	1.8 dB	7.75 dB	2.15 dB	8.1 dB
90/10	1.1 dB	10.6 dB	1.45 dB	10.95 dB	1.8 dB	11.3 dB

\* Measured loss through splitter only \*\* Measured loss through splitter; plus one mated pair (two fibers terminated and connected together with a fiber optic coupler). For methodology read: Tech Notes on [Measuring Budget Light Loss](#) or <http://hubs.ly/H07xhB40>



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