

Length of Optical Fiber (Km)	Signal Power (W)	Noise Power (W)	SNR	SNR (dB)	Signal power	Noise power	SNR	SNR (dB)	Smoothed Y1
			2 pulse	2 pulse COW			3 pulse	3 pulse COW	3 Pulse COW
			col(B)/col(C)	10*log(col(B)/col(C))			col(F)/col(G)	10*log(col(F)/col(G))	
0	3.511E7	6.408	5.47909E6	67.38708	3.68854E-10	3.218E-15	114622.12554	50.59268	48.65378
5	2.2613E7	6.369	3.55048E6	65.50287	1E-10	3.225E-15	31007.75194	44.9147	46.71728
10	1.3914E7	6.357	2.18877E6	63.402	4.0012E-11	3.197E-15	12515.48327	40.97448	44.30205
20	5.54E6	6.346	872990.86038	59.4101	8.1647E-11	3.232E-15	25262.06683	44.02469	41.40808
30	2.253E6	6.378	353245.53151	55.48077	2.5702E-11	3.167E-15	8115.56678	39.09319	38.55733
40	883296	6.472	136479.60445	51.35068	9.948E-12	3.213E-15	3096.1718	34.90825	35.05559
50	358562	6.334	56609.09378	47.52886	2.324E-12	3.174E-15	732.19912	28.64629	30.5881
60	144656	6.363	22733.93054	43.56675	2.14E-12	3.173E-15	674.44059	28.28944	26.99188
70	57268	6.437	8896.69101	39.49229	9.65367E-13	3.189E-15	302.71778	24.81038	24.18599
80	23700	6.44	3680.12422	35.65862	3.60498E-13	3.205E-15	112.47988	20.51075	21.78945
90	9590	6.501	1475.15767	31.68838	3.20266E-13	3.2E-15	100.08312	20.00361	19.29704
100	4193	6.488	646.27004	28.10414	1.75495E-13	3.23E-15	54.33282	17.35062	17.74752
110	1846	6.526	282.86853	24.51585	1.71641E-13	3.23E-15	53.13963	17.25419	16.60436
120	874.955	6.528	134.0311	21.27206	1.22385E-13	3.23E-15	37.89009	15.78526	15.98031
130	452.358	6.36	71.12547	18.52025	1.22385E-13	3.23E-15	37.89009	15.78526	15.87536