

No. of Fringes	Steps	No. of Fringes	Steps
50	27	50	27
50	27	50	27
50	25	50	25
	26.34		26.34

No. of Fringes	Steps	d (x 0.01mm)
20	12	29
20	12	29
20	11	28
	11.67	28.67

Wavelength (nm)	length (km)	Input Power P1 (uW)	Output Power P2 (uW)	attenuation (10 log (P1/P2))	connectors	correction in db	Attenuation Coefficient (db/km)
1550	1	80	66	0.8354605145	2	-0.1645394855	0.8354605145
	2	80	44	2.596373105	2	1.596373105	0.7981865525
	3	80	31	4.117282932	2	3.117282932	1.039094311
	4	77	25	4.885507165	4	2.885507165	0.7213767913
	5	78	23	5.303667667	4	3.303667667	0.6607335333
	6	75	14	7.289332277	6	4.289332277	0.7148887129
	3	69	26	4.238757428	4	2.238757428	0.7462524759