

## DWDM Channel # / Frequency / Wavelength Designation

PRECISION OPTICAL TRANSCEIVERS DWDM CHANNEL# / FREQUENCY / WAVELENGTH DESIGNATION										
ITU Grid Channels (100 GHz Spacing)										
ITU Channel	Frequency (GHz)	Frequency (THz)	Wavelength (nm)	Precision P/N Dxx		ITU Channel	Frequency (GHz)	Frequency (THz)	Wavelength (nm)	Precision P/N Dxx
1	190,100	190.1	1,577.03	D01		41	194,100	194.1	1,544.53	D41
2	190,200	190.2	1,576.20	D02		42	194,200	194.2	1,543.73	D42
3	190,300	190.3	1,575.37	D03		43	194,300	194.3	1,542.94	D43
4	190,400	190.4	1,574.54	D04		44	194,400	194.4	1,542.14	D44
5	190,500	190.5	1,573.71	D05		45	194,500	194.5	1,541.35	D45
6	190,600	190.6	1,572.89	D06		46	194,600	194.6	1,540.56	D46
7	190,700	190.7	1,572.06	D07		47	194,700	194.7	1,539.77	D47
8	190,800	190.8	1,571.24	D08		48	194,800	194.8	1,538.98	D48
9	190,900	190.9	1,570.42	D09		49	194,900	194.9	1,538.19	D49
10	191,000	191.0	1,569.59	D10		50	195,000	195.0	1,537.40	D50
11	191,100	191.1	1,568.77	D11		51	195,100	195.1	1,536.61	D51
12	191,200	191.2	1,567.95	D12		52	195,200	195.2	1,535.82	D52
13	191,300	191.3	1,567.13	D13		53	195,300	195.3	1,535.04	D53
14	191,400	191.4	1,566.31	D14		54	195,400	195.4	1,534.25	D54
15	191,500	191.5	1,565.50	D15		55	195,500	195.5	1,533.47	D55
16	191,600	191.6	1,564.68	D16		56	195,600	195.6	1,532.68	D56
17	191,700	191.7	1,563.86	D17		57	195,700	195.7	1,531.90	D57
18	191,800	191.8	1,563.05	D18		58	195,800	195.8	1,531.12	D58
19	191,900	191.9	1,562.23	D19		59	195,900	195.9	1,530.33	D59
20	192,000	192.0	1,561.42	D20		60	196,000	196.0	1,529.55	D60
21	192,100	192.1	1,560.61	D21		61	196,100	196.1	1,528.77	D61
22	192,200	192.2	1,559.79	D22		62	196,200	196.2	1,527.99	D62
23	192,300	192.3	1,558.98	D23		63	196,300	196.3	1,527.22	D63
24	192,400	192.4	1,558.17	D24		64	196,400	196.4	1,526.44	D64
25	192,500	192.5	1,557.36	D25		65	196,500	196.5	1,525.66	D65
26	192,600	192.6	1,556.55	D26		66	196,600	196.6	1,524.89	D66
27	192,700	192.7	1,555.75	D27		67	196,700	196.7	1,524.11	D67
28	192,800	192.8	1,554.94	D28		68	196,800	196.8	1,523.34	D68
29	192,900	192.9	1,554.13	D29		69	196,900	196.9	1,522.56	D69
30	193,000	193.0	1,553.33	D30		70	197,000	197.0	1,521.79	D70
31	193,100	193.1	1,552.52	D31		71	197,100	197.1	1,521.02	D71
32	193,200	193.2	1,551.72	D32		72	197,200	197.2	1,520.25	D72
33	193,300	193.3	1,550.92	D33		73	197,300	197.3	1,519.48	D73
34	193,400	193.4	1,550.12	D34		74	197,400	197.4	1,518.71	D74
35	193,500	193.5	1,549.32	D35		75	197,500	197.5	1,517.94	D75
36	193,600	193.6	1,548.51	D36		76	197,600	197.6	1,517.17	D76
37	193,700	193.7	1,547.72	D37		77	197,700	197.7	1,516.40	D77
38	193,800	193.8	1,546.92	D38		78	197,800	197.8	1,515.63	D78
39	193,900	193.9	1,546.12	D39		79	197,900	197.9	1,514.87	D79
40	194,000	194.0	1,545.32	D40		80	198,000	198.0	1,514.10	D80