

100GHz DWDM Wavelength Channels ITU Grid

ITU Channel	Frequency (THz)	Wavelength (nm)	Wavelength Band	ITU Channel	Frequency (THz)	Wavelength (nm)	Wavelength Band
1	190.10	1577.03	L-Band	41	194.10	1544.53	C-Band
2	190.20	1576.20	L-Band	42	194.20	1543.73	C-Band
3	190.30	1575.37	L-Band	43	194.30	1542.94	C-Band
4	190.40	1574.54	L-Band	44	194.40	1542.14	C-Band
5	190.50	1573.71	L-Band	45	194.50	1541.35	C-Band
6	190.60	1572.89	L-Band	46	194.60	1540.56	C-Band
7	190.70	1572.06	L-Band	47	194.70	1539.77	C-Band
8	190.80	1571.24	L-Band	48	194.80	1538.98	C-Band
9	190.90	1570.42	L-Band	49	194.90	1538.19	C-Band
10	191.00	1569.59	L-Band	50	195.00	1537.40	C-Band
11	191.10	1568.11	L-Band	51	195.10	1536.61	C-Band
12	191.20	1567.95	L-Band	52	195.20	1535.82	C-Band
13	191.30	1567.13	L-Band	53	195.30	1535.04	C-Band
14	191.40	1566.31	L-Band	54	195.40	1534.25	C-Band
15	191.50	1565.50	L-Band	55	195.50	1533.47	C-Band
16	191.60	1564.68	C-Band	56	195.60	1532.68	C-Band
17	191.70	1563.86	C-Band	57	195.70	1531.90	C-Band
18	191.80	1563.05	C-Band	58	195.80	1531.12	C-Band
19	191.90	1562.23	C-Band	59	195.90	1530.33	C-Band
20	192.00	1561.41	C-Band	60	196.00	1529.55	S-Band
21	192.10	1560.61	C-Band	61	196.10	1528.77	S-Band
22	192.20	1559.79	C-Band	62	196.20	1527.99	S-Band
23	192.30	1558.98	C-Band	63	196.30	1527.22	S-Band
24	192.40	1558.17	C-Band	64	196.40	1526.44	S-Band
25	192.50	1557.36	C-Band	65	196.50	1525.66	S-Band
26	192.60	1556.55	C-Band	66	196.60	1524.89	S-Band
27	192.70	1555.75	C-Band	67	196.70	1524.11	S-Band
28	192.80	1554.94	C-Band	68	196.80	1523.34	S-Band
29	192.90	1554.13	C-Band	69	196.90	1522.56	S-Band
30	193.00	1553.33	C-Band	70	197.00	1521.79	S-Band
31	193.10	1552.52	C-Band	71	197.10	1521.02	S-Band
32	193.20	1551.72	C-Band	72	197.20	1520.25	S-Band
33	193.30	1550.92	C-Band	73	197.30	1519.48	S-Band
34	193.40	1550.12	C-Band	74	197.40	1518.71	S-Band
35	193.50	1549.32	C-Band	75	197.50	1517.94	S-Band
36	193.60	1548.51	C-Band	76	197.60	1517.17	S-Band
37	193.70	1547.72	C-Band	77	197.70	1516.40	S-Band
38	193.80	1546.92	C-Band	78	197.80	1515.63	S-Band
39	193.90	1546.12	C-Band	79	197.90	1514.86	S-Band
40	194.00	1545.32	C-Band	80	198.00	1514.09	S-Band

50GHz DWDM Wavelength Channels ITU Grid

ITU Channel	Frequency (THz)	Wavelength (nm)	Wavelength Band	ITU Channel	Frequency (THz)	Wavelength (nm)	Wavelength Band
1	190.10	1577.03	L-Band	40.5	194.05	1544.92	C-Band
1.5	190.15	1576.61	L-Band	41	194.10	1544.53	C-Band
2	190.20	1576.20	L-Band	41.5	194.15	1544.13	C-Band
2.5	190.25	1575.78	L-Band	42	194.20	1543.73	C-Band
3	190.30	1575.37	L-Band	42.5	194.25	1543.33	C-Band
3.5	190.35	1574.95	L-Band	43	194.30	1542.94	C-Band
4	190.40	1574.54	L-Band	43.5	194.35	1542.54	C-Band
4.5	190.45	1574.13	L-Band	44	194.40	1542.14	C-Band
5	190.50	1573.71	L-Band	44.5	194.45	1541.75	C-Band
5.5	190.55	1573.30	L-Band	45	194.50	1541.35	C-Band
6	190.60	1572.89	L-Band	45.5	194.55	1540.95	C-Band
6.5	190.65	1572.48	L-Band	46	194.60	1540.56	C-Band
7	190.70	1572.06	L-Band	46.5	194.65	1540.16	C-Band
7.5	190.75	1571.65	L-Band	47	194.70	1539.77	C-Band
8	190.80	1571.24	L-Band	47.5	194.75	1539.37	C-Band
8.5	190.85	1570.83	L-Band	48	194.80	1538.98	C-Band
9	190.90	1570.42	L-Band	48.5	194.85	1538.58	C-Band
9.5	190.95	1570.01	L-Band	49	194.90	1538.19	C-Band
10	191.00	1569.59	L-Band	49.5	194.95	1537.79	C-Band
10.5	191.05	1569.18	L-Band	50	195.00	1537.40	C-Band
11	191.10	1568.77	L-Band	50.5	195.05	1537.00	C-Band
11.5	191.15	1568.36	L-Band	51	195.10	1536.61	C-Band
12	191.20	1567.95	L-Band	51.5	195.15	1536.22	C-Band
12.5	191.25	1567.54	L-Band	52	195.20	1535.82	C-Band
13	191.30	1567.13	L-Band	52.5	195.25	1535.43	C-Band
13.5	191.35	1566.72	L-Band	53	195.30	1535.04	C-Band
14	191.40	1566.31	L-Band	53.5	195.35	1534.64	C-Band
14.5	191.45	1565.90	L-Band	54	195.40	1534.25	C-Band
15	191.50	1565.50	L-Band	54.5	195.45	1533.86	C-Band
15.5	191.55	1565.09	L-Band	55	195.50	1533.47	C-Band
16	191.60	1564.68	C-Band	55.5	195.55	1533.07	C-Band
16.5	191.65	1564.27	C-Band	56	195.60	1532.68	C-Band
17	191.70	1563.86	C-Band	56.5	195.65	1532.29	C-Band
17.5	191.75	1563.45	C-Band	57	195.70	1531.90	C-Band
18	191.80	1563.05	C-Band	57.5	195.75	1531.51	C-Band
18.5	191.85	1562.64	C-Band	58	195.80	1531.12	C-Band
19	191.90	1562.23	C-Band	58.5	195.85	1530.72	C-Band
19.5	191.95	1561.83	C-Band	59	195.90	1530.33	C-Band
20	192.00	1561.42	C-Band	59.5	195.95	1529.94	S-Band
20.5	192.05	1561.01	C-Band	60	196.00	1529.55	S-Band
21	192.10	1560.61	C-Band	60.5	196.05	1529.16	S-Band
21.5	192.15	1560.20	C-Band	61	196.10	1528.77	S-Band
22	192.20	1559.79	C-Band	61.5	196.15	1528.38	S-Band
22.5	192.25	1559.39	C-Band	62	196.20	1527.99	S-Band

23	192.30	1558.98	C-Band	62.5	196.25	1527.60	S-Band
23.5	192.35	1558.58	C-Band	63	196.30	1527.22	S-Band
24	192.40	1558.17	C-Band	63.5	196.35	1526.83	S-Band
24.5	192.45	1557.77	C-Band	64	196.40	1526.44	S-Band
25	192.50	1557.36	C-Band	64.5	196.45	1526.05	S-Band
25.5	192.55	1556.96	C-Band	65	196.50	1525.66	S-Band
26	192.60	1556.56	C-Band	65.5	196.55	1525.27	S-Band
26.5	192.65	1556.15	C-Band	66	196.60	1524.89	S-Band
27	192.70	1555.75	C-Band	66.5	196.65	1524.50	S-Band
27.5	192.75	1555.34	C-Band	67	196.70	1524.11	S-Band
28	192.80	1554.94	C-Band	67.5	196.75	1523.72	S-Band
28.5	192.85	1554.54	C-Band	68	196.80	1523.34	S-Band
29	192.90	1554.13	C-Band	68.5	196.85	1522.95	S-Band
29.5	192.95	1553.73	C-Band	69	196.90	1522.56	S-Band
30	193.00	1553.33	C-Band	69.5	196.95	1522.18	S-Band
30.5	193.05	1552.93	C-Band	70	197.00	1521.79	S-Band
31	193.10	1552.52	C-Band	70.5	197.05	1521.40	S-Band
31.5	193.15	1552.12	C-Band	71	197.10	1521.02	S-Band
32	193.20	1551.72	C-Band	71.5	197.15	1520.63	S-Band
32.5	193.25	1551.32	C-Band	72	197.20	1520.25	S-Band
33	193.30	1550.92	C-Band	72.5	197.25	1519.86	S-Band
33.5	193.35	1550.52	C-Band	73	197.30	1519.48	S-Band
34	193.40	1550.12	C-Band	73.5	197.35	1519.09	S-Band
34.5	193.45	1549.72	C-Band	74	197.40	1518.71	S-Band
35	193.50	1549.32	C-Band	74.5	197.45	1518.32	S-Band
35.5	193.55	1548.91	C-Band	75	197.50	1517.94	S-Band
36	193.60	1548.52	C-Band	75.5	197.55	1517.55	S-Band
36.5	193.65	1548.11	C-Band	76	197.60	1517.17	S-Band
37	193.70	1547.72	C-Band	76.5	197.65	1516.78	S-Band
37.5	193.75	1547.32	C-Band	77	197.70	1516.40	S-Band
38	193.80	1546.92	C-Band	77.5	197.75	1516.02	S-Band
38.5	193.85	1546.52	C-Band	78	197.80	1515.63	S-Band
39	193.90	1546.12	C-Band	78.5	197.85	1515.25	S-Band
39.5	193.95	1545.72	C-Band	79	197.90	1514.87	S-Band
40	194.00	1545.32	C-Band	79.5	197.95	1514.49	S-Band