

Wavelength to Frequency to ITU Channel conversion

note: not all channels are available from a technology standpoint - this is merely a listing of POSSIBLE channels.

highlighted wavelengths/channels denote the typical range of Champion ONE optics and passives

Wavelength (nm)	Frequency (THz)	ITU channel	Wavelength (nm)	Frequency (THz)	ITU channel
1577.03	190.1	1	1546.92	193.8	38
1576.20	190.2	2	1546.12	193.9	39
1575.37	190.3	3	1545.32	194.0	40
1574.54	190.4	4	1544.53	194.1	41
1573.71	190.5	5	1543.73	194.2	42
1572.89	190.6	6	1542.94	194.3	43
1572.06	190.7	7	1542.14	194.4	44
1571.24	190.8	8	1541.35	194.5	45
1570.42	190.9	9	1540.56	194.6	46
1569.59	191.0	10	1539.77	194.7	47
1568.77	191.1	11	1538.98	194.8	48
1567.95	191.2	12	1538.19	194.9	49
1567.13	191.3	13	1537.40	195.0	50
1566.31	191.4	14	1536.61	195.1	51
1565.50	191.5	15	1535.82	195.2	52
1564.68	191.6	16	1535.04	195.3	53
1563.86	191.7	17	1534.25	195.4	54
1563.05	191.8	18	1533.47	195.5	55
1562.23	191.9	19	1532.68	195.6	56
1561.42	192.0	20	1531.90	195.7	57
1560.61	192.1	21	1531.12	195.8	58
1559.79	192.2	22	1530.33	195.9	59
1558.98	192.3	23	1529.55	196.0	60
1558.17	192.4	24	1528.77	196.1	61
1557.36	192.5	25	1527.99	196.2	62
1556.55	192.6	26	1527.22	196.3	63
1555.75	192.7	27	1526.44	196.4	64
1554.94	192.8	28	1525.66	196.5	65
1554.13	192.9	29	1524.89	196.6	66
1553.33	193.0	30	1524.11	196.7	67
1552.52	193.1	31	1523.34	196.8	68
1551.72	193.2	32	1522.56	196.9	69