

# ITU Grid

## > Dense WDM Reference Table

Channel	f (GHz)	λ (nm)	Channel	f (GHz)	λ (nm)	Channel	f (GHz)	λ (nm)
L48	184800	1622.25	L67	186700	1605.74	L86	188600	1589.57
Q48	184850	1621.81	Q67	186750	1605.31	Q86	188650	1589.15
L49	184900	1621.38	L68	186800	1604.88	L87	188700	1588.73
Q49	184950	1620.94	Q68	186850	1604.45	Q87	188750	1588.30
L50	185000	1620.50	L69	186900	1604.03	L88	188800	1587.88
Q50	185050	1620.06	Q69	186950	1603.60	Q88	188850	1587.46
L51	185100	1619.62	L70	187000	1603.17	L89	188900	1587.04
Q51	185150	1619.19	Q70	187050	1602.74	Q89	188950	1586.62
L52	185200	1618.75	L71	187100	1602.31	L90	189000	1586.20
Q52	185250	1618.31	Q71	187150	1601.88	Q90	189050	1585.78
L53	185300	1617.88	L72	187200	1601.46	L91	189100	1585.36
Q53	185350	1617.44	Q72	187250	1601.03	Q91	189150	1584.95
L54	185400	1617.00	L73	187300	1600.60	L92	189200	1584.53
Q54	185450	1616.57	Q73	187350	1600.17	Q92	189250	1584.11
L55	185500	1616.13	L74	187400	1599.75	L93	189300	1583.69
Q55	185550	1615.70	Q74	187450	1599.32	Q93	189350	1583.27
L56	185600	1615.26	L75	187500	1598.89	L94	189400	1582.85
Q56	185650	1614.83	Q75	187550	1598.47	Q94	189450	1582.44
L57	185700	1614.39	L76	187600	1598.04	L95	189500	1582.02
Q57	185750	1613.96	Q76	187650	1597.62	Q95	189550	1581.60
L58	185800	1613.52	L77	187700	1597.19	L96	189600	1581.18
Q58	185850	1613.09	Q77	187750	1596.76	Q96	189650	1580.77
L59	185900	1612.65	L78	187800	1596.34	L97	189700	1580.35
Q59	185950	1612.22	Q78	187850	1595.91	Q97	189750	1579.93
L60	186000	1611.79	L79	187900	1595.49	L98	189800	1579.52
Q60	186050	1611.35	Q79	187950	1595.06	Q98	189850	1579.10
L61	186100	1610.92	L80	188000	1594.64	L99	189900	1578.69
Q61	186150	1610.49	Q80	188050	1594.22	Q99	189950	1578.27
L62	186200	1610.06	L81	188100	1593.79	L00	190000	1577.86
Q62	186250	1609.62	Q81	188150	1593.37	Q00	190050	1577.44
L63	186300	1609.19	L82	188200	1592.95	C01	190100	1577.03
Q63	186350	1608.76	Q82	188250	1592.52	H01	190150	1576.61
L64	186400	1608.33	L83	188300	1592.10	C02	190200	1576.20
Q64	186450	1607.90	Q83	188350	1591.68	H02	190250	1575.78
L65	186500	1607.47	L84	188400	1591.26	C03	190300	1575.37
Q65	186550	1607.04	Q84	188450	1590.83	H03	190350	1574.95
L66	186600	1606.60	L85	188500	1590.41	C04	190400	1574.54
Q66	186650	1606.17	Q85	188550	1589.99	H04	190450	1574.13

C and L on ITU Grid, H and Q with 50GHz Offset

Channel	$f$ (GHz)	$\lambda$ (nm)
C05	190500	1573.71
H05	190550	1573.30
C06	190600	1572.89
H06	190650	1572.48
C07	190700	1572.06
H07	190750	1571.65
C08	190800	1571.24
H08	190850	1570.83
C09	190900	1570.42
H09	190950	1570.01
C10	191000	1569.59
H10	191050	1569.18
C11	191100	1568.77
H11	191150	1568.36
C12	191200	1567.95
H12	191250	1567.54
C13	191300	1567.13
H13	191350	1566.72
C14	191400	1566.31
H14	191450	1565.90
C15	191500	1565.50
H15	191550	1565.09
C16	191600	1564.68
H16	191650	1564.27
C17	191700	1563.86
H17	191750	1563.45
C18	191800	1563.05
H18	191850	1562.64
C19	191900	1562.23
H19	191950	1561.83
C20	192000	1561.42
H20	192050	1561.01
C21	192100	1560.61
H21	192150	1560.20
C22	192200	1559.79
H22	192250	1559.39
C23	192300	1558.98
H23	192350	1558.58

Channel	$f$ (GHz)	$\lambda$ (nm)
C24	192400	1558.17
H24	192450	1557.77
C25	192500	1557.36
H25	192550	1556.96
C26	192600	1556.55
H26	192650	1556.15
C27	192700	1555.75
H27	192750	1555.34
C28	192800	1554.94
H28	192850	1554.54
C29	192900	1554.13
H29	192950	1553.73
C30	193000	1553.33
H30	193050	1552.93
C31	193100	1552.52
H31	193150	1552.12
C32	193200	1551.72
H32	193250	1551.32
C33	193300	1550.92
H33	193350	1550.52
C34	193400	1550.12
H34	193450	1549.72
C35	193500	1549.32
H35	193550	1548.91
C36	193600	1548.51
H36	193650	1548.11
C37	193700	1547.72
H37	193750	1547.32
C38	193800	1546.92
H38	193850	1546.52
C39	193900	1546.12
H39	193950	1545.72
C40	194000	1545.32
H40	194050	1544.92
C41	194100	1544.53
H41	194150	1544.13
C42	194200	1543.73
H42	194250	1543.33

Channel	$f$ (GHz)	$\lambda$ (nm)
C43	194300	1542.94
H43	194350	1542.54
C44	194400	1542.14
H44	194450	1541.75
C45	194500	1541.35
H45	194550	1540.95
C46	194600	1540.56
H46	194650	1540.16
C47	194700	1539.77
H47	194750	1539.37
C48	194800	1538.98
H48	194850	1538.58
C49	194900	1538.19
H49	194950	1537.79
C50	195000	1537.40
H50	195050	1537.00
C51	195100	1536.61
H51	195150	1536.22
C52	195200	1535.82
H52	195250	1535.43
C53	195300	1535.04
H53	195350	1534.64
C54	195400	1534.25
H54	195450	1533.86
C55	195500	1533.47
H55	195550	1533.07
C56	195600	1532.68
H56	195650	1532.29
C57	195700	1531.90
H57	195750	1531.51
C58	195800	1531.12
H58	195850	1530.72
C59	195900	1530.33
H59	195950	1529.94
C60	196000	1529.55
H60	196050	1529.16
C61	196100	1528.77
H61	196150	1528.38

C and L on ITU Grid, H and Q with 50GHz Offset

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