



ITU Grid Specification

dense wavelength division multiplexing (DWDM)

	S-Band				C-Band				L-Band			
	100 GHz Grid		50 GHz Offset		100 GHz Grid		50 GHz Offset		100 GHz Grid		50 GHz Offset	
	nm	THz	nm	THz	nm	THz	nm	THz	nm	THz	nm	THz
1	1490.76	201.10	1491.13	201.05	1528.77	196.10	1529.16	196.05	1568.77	191.10	1569.18	191.05
2	1491.50	201.00	1491.88	200.95	1529.55	196.00	1529.94	195.95	1569.59	191.00	1570.01	190.95
3	1492.25	200.90	1492.62	200.85	1530.33	195.90	1530.72	195.85	1570.42	190.90	1570.83	190.85
4	1492.99	200.80	1493.36	200.75	1531.12	195.80	1531.51	195.75	1571.24	190.80	1571.65	190.75
5	1493.73	200.70	1494.11	200.65	1531.90	195.70	1532.29	195.65	1572.06	190.70	1572.48	190.65
6	1494.48	200.60	1494.85	200.55	1532.68	195.60	1533.07	195.55	1572.89	190.60	1573.30	190.55
7	1495.22	200.50	1495.60	200.45	1533.47	195.50	1533.86	195.45	1573.71	190.50	1574.13	190.45
8	1495.97	200.40	1496.34	200.35	1534.25	195.40	1534.64	195.35	1574.54	190.40	1574.95	190.35
9	1496.72	200.30	1497.09	200.25	1535.04	195.30	1535.43	195.25	1575.37	190.30	1575.78	190.25
10	1497.46	200.20	1497.84	200.15	1535.82	195.20	1536.22	195.15	1576.20	190.20	1576.61	190.15
11	1498.21	200.10	1498.59	200.05	1536.61	195.10	1537.00	195.05	1577.03	190.10	1577.44	190.05
12	1498.96	200.00	1499.34	199.95	1537.40	195.00	1537.79	194.95	1577.86	190.00	1578.27	189.95
13	1499.71	199.90	1500.09	199.85	1538.19	194.90	1538.58	194.85	1578.69	189.90	1579.10	189.85
14	1500.46	199.80	1500.84	199.75	1538.98	194.80	1539.37	194.75	1579.52	189.80	1579.93	189.75
15	1501.21	199.70	1501.59	199.65	1539.77	194.70	1540.16	194.65	1580.35	189.70	1580.77	189.65
16	1501.97	199.60	1502.34	199.55	1540.56	194.60	1540.95	194.55	1581.18	189.60	1581.60	189.55
17	1502.72	199.50	1503.10	199.45	1541.35	194.50	1541.75	194.45	1582.02	189.50	1582.44	189.45
18	1503.47	199.40	1503.85	199.35	1542.14	194.40	1542.54	194.35	1582.85	189.40	1583.27	189.35
19	1504.23	199.30	1504.60	199.25	1542.94	194.30	1543.33	194.25	1583.69	189.30	1584.11	189.25
20	1504.98	199.20	1505.36	199.15	1543.73	194.20	1544.13	194.15	1584.53	189.20	1584.95	189.15
21	1505.74	199.10	1506.12	199.05	1544.53	194.10	1544.92	194.05	1585.36	189.10	1585.78	189.05
22	1506.49	199.00	1506.87	198.95	1545.32	194.00	1545.72	193.95	1586.20	189.00	1586.62	188.95
23	1507.25	198.90	1507.63	198.85	1546.12	193.90	1546.52	193.85	1587.04	188.90	1587.46	188.85
24	1508.01	198.80	1508.39	198.75	1546.92	193.80	1547.32	193.75	1587.88	188.80	1588.30	188.75
25	1508.77	198.70	1509.15	198.65	1547.72	193.70	1548.11	193.65	1588.73	188.70	1589.15	188.65
26	1509.53	198.60	1509.91	198.55	1548.51	193.60	1548.91	193.55	1589.57	188.60	1589.99	188.55
27	1510.29	198.50	1510.67	198.45	1549.32	193.50	1549.72	193.45	1590.41	188.50	1590.83	188.45
28	1511.05	198.40	1511.43	198.35	1550.12	193.40	1550.52	193.35	1591.26	188.40	1591.68	188.35
29	1511.81	198.30	1512.19	198.25	1550.92	193.30	1551.32	193.25	1592.10	188.30	1592.52	188.25
30	1512.58	198.20	1512.96	198.15	1551.72	193.20	1552.12	193.15	1592.95	188.20	1593.37	188.15
31	1513.34	198.10	1513.72	198.05	1552.52	193.10	1552.93	193.05	1593.79	188.10	1594.22	188.05
32	1514.10	198.00	1514.49	197.95	1553.33	193.00	1553.73	192.95	1594.64	188.00	1595.06	187.95
33	1514.87	197.90	1515.25	197.85	1554.13	192.90	1554.54	192.85	1595.49	187.90	1595.91	187.85
34	1515.63	197.80	1516.02	197.75	1554.94	192.80	1555.34	192.75	1596.34	187.80	1596.76	187.75
35	1516.40	197.70	1516.78	197.65	1555.75	192.70	1556.15	192.65	1597.19	187.70	1597.62	187.65
36	1517.17	197.60	1517.55	197.55	1556.55	192.60	1556.96	192.55	1598.04	187.60	1598.47	187.55



37	1517.94	197.50	1518.32	197.45	1557.36	192.50	1557.77	192.45	1598.89	187.50	1599.32	187.45
38	1518.71	197.40	1519.09	197.35	1558.17	192.40	1558.58	192.35	1599.75	187.40	1600.17	187.35
39	1519.48	197.30	1519.86	197.25	1558.98	192.30	1559.39	192.25	1600.60	187.30	1601.03	187.25
40	1520.25	197.20	1520.63	197.15	1559.79	192.20	1560.20	192.15	1601.46	187.20	1601.88	187.15
41	1521.02	197.10	1521.40	197.05	1560.61	192.10	1561.01	192.05	1602.31	187.10	1602.74	187.05
42	1521.79	197.00	1522.18	196.95	1561.42	192.00	1561.83	191.95	1603.17	187.00	1603.60	186.95
43	1522.56	196.90	1522.95	196.85	1562.23	191.90	1562.64	191.85	1604.03	186.90	1604.46	186.85
44	1523.34	196.80	1523.72	196.75	1563.05	191.80	1563.45	191.75	1604.88	186.80	1605.31	186.75
45	1524.11	196.70	1524.50	196.65	1563.86	191.70	1564.27	191.65	1605.74	186.70	1606.17	186.65
46	1524.89	196.60	1525.27	196.55	1564.68	191.60	1565.09	191.55	1606.60	186.60	1607.04	186.55
47	1525.66	196.50	1526.05	196.45	1565.50	191.50	1565.90	191.45	1607.47	186.50	1607.90	186.45
48	1526.44	196.40	1526.83	196.35	1566.31	191.40	1566.72	191.35	1608.33	186.40	1608.76	186.35
49	1527.22	196.30	1527.60	196.25	1567.13	191.30	1567.54	191.25	1609.19	186.30	1609.62	186.25
50	1527.99	196.20	1528.38	196.15	1567.95	191.20	1568.36	191.15	1610.06	186.20	1610.49	186.15