DWDM ITU Wavelengths

50 Standard DWDM ITU Wavelengths

Olson Technology, Inc. offers a complete line of fiber optic transport links that use CWDM and DWDM lasers to increase transmission capacity of the optical fiber. The table below lists the DWDM ITU grid frequencies and wavelengths used by Olson Technology, Inc. DWDM transport products. Channels 22 through 46 (shown in RED) are recommended for systems requiring less than 25 channels because it allows low cost, non-gain-flattened EDFA's to be used and the lasers are generally more readily available.

Frequency (THz)	Wavelength (nm)	ITU Ch.	Frequency (THz)	Wavelength (nm)	ITU Ch.	Frequency (THz)	Wavelength (nm)	ITU Ch.
196.1	1528.77	61	194.4	1542.14	44	192.7	1555.75	27
196.0	1529.55	60	194.3	1542.94	43	192.6	1556.56	26
195.9	1530.33	59	194.2	1543.73	42	192.5	1557.36	25
195.8	1531.12	58	194.1	1544.53	41	192.4	1558.17	24
195.7	1531.90	57	194.0	1545.32	40	192.3	1558.98	23
195.6	1532.68	56	193.9	1546.12	39	192.2	1559.79	22
195.5	1533.47	55	193.8	1546.92	38	192.1	1560.61	21
195.4	1534.25	54	193.7	1547.72	37	192.0	1561.42	20
195.3	1535.04	53	193.6	1548.51	36	191.9	1562.23	19
195.2	1535.82	52	193.5	1549.32	35	191.8	1563.05	18
195.1	1536.61	51	193.4	1550.12	34	191.7	1563.86	17
195.0	1537.40	50	193.3	1550.92	33	191.6	1564.68	16
194.9	1538.19	49	193.2	1551.72	32	191.5	1565.50	15
194.8	1538.98	48	193.1	1552.52	31	191.4	1566.31	14
194.7	1539.77	47	193.0	1553.33	30	191.3	1567.13	13
194.6	1540.56	46	192.9	1554.13	29	191.2	1567.95	12
194.5	1541.35	45	192.8	1554.94	28			

Calculated Using Speed of Light = 299,792.5 km/s

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