

DWDM Wavelength Plan

Description

The ITU channel number of DWDM spacing at 100GHz is the middle 2 digits of the frequency. For example, 196.00 THz corresponds to ITU channel 60. Please choose 4ch with expansion port of plan for your application.

DWDM wavelength reference table below:

Nominal central frequencies [THz] for spacings of 100GHz	Approximate nominal central wavelengths [nm]	ITU Channel #	Channel number	The card ID	Wavelength Region
196.00	1529.55	60	4	WHE41A/B	C-Band
195.90	1530.33	59			C-Band
195.80	1531.12	58			C-Band
195.70	1531.90	57			C-Band
195.60	1532.68	56	4	WIE41A/B	C-Band
195.50	1533.47	55			C-Band
195.40	1534.25	54			C-Band
195.30	1535.04	53			C-Band
195.20	1535.82	52	4	WJE41A/B	C-band
195.10	1536.61	51			C-band
195.00	1537.40	50			C-band
194.90	1538.19	49			C-Band
194.80	1538.98	48	4	WKE41A/B	C-Band
194.70	1539.77	47			C-Band
194.60	1540.56	46			C-Band
194.50	1541.35	45			C-Band
194.40	1542.14	44	4	WLE41A/B	C-Band
194.30	1542.94	43			C-Band
194.20	1543.73	42			C-Band
194.10	1544.53	41			C-band
194.00	1545.32	40	4	WME41A/B	C-band
193.90	1546.12	39			C-band
193.80	1546.92	38			C-Band
193.70	1547.72	37			C-Band
193.60	1548.51	36	4	WNE41A/B	C-Band
193.50	1549.32	35			C-Band
193.40	1550.12	34			C-Band
193.30	1550.92	33			C-Band
193.20	1551.72	32	4	WOE41A/B	C-Band
193.10	1552.52	31			C-Band

Nominal central frequencies [THz] for spacings of 100GHz	Approximate nominal central wavelengths [nm]	ITU Channel #	Channel number	Transceiver Series	Wavelength Region
193.00	1553.33	30			C-band
192.90	1554.13	29			C-band
192.80	1554.94	28	4	WPE41A/B	C-band
192.70	1555.75	27			C-Band
192.60	1556.55	26			C-Band
192.50	1557.36	25			C-Band
192.40	1558.17	24	4	WQE41A/B	C-Band
192.30	1558.98	23			C-Band
192.20	1559.79	22			C-Band
192.10	1560.61	21			C-Band

Figure: DWDM wavelength plan

