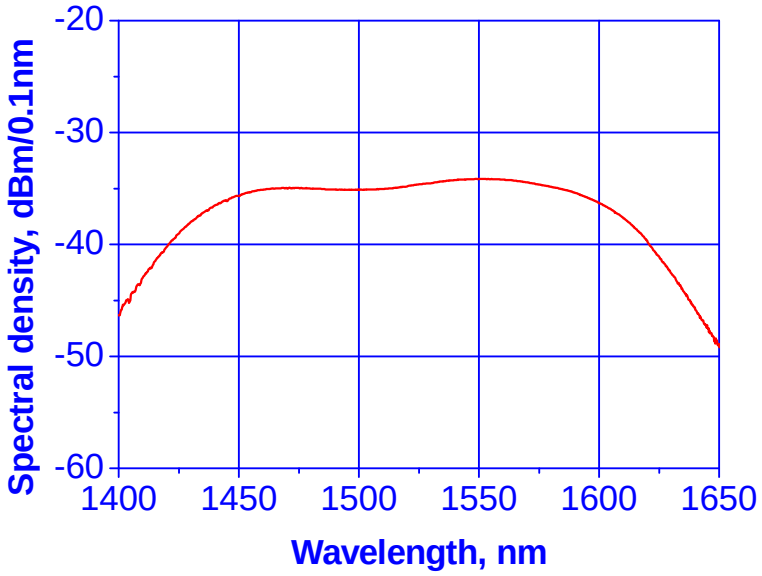
Very Wide Optical Spectrum, High Stability, Low Cost

D1500-LP: Optical Performance Parameters

Parameter	Min.	Typ.	Max.
SM fiber output power, mW	0.1	0.15	–
Mean wavelength, nm	1480	1500	1520
3 dB (FWHM) spectrum width, nm	150	170	–
Maximum Spectral Ripple (0.05 nm resolution), dB	–	0.1	0.2
Spectral flatness, dB	–	–	1.0
Spectral density within 3 dB BW, dBm/0.1 nm	-40	–	–
Long-term stability, %*	±0.5		
Short-term stability, %**	±0.1		

* other upon request.
** 8 hours, measurements taken every minute, 100 ms integration time.
*** 15 minutes, measurements taken every second, 100 ms integration time.
All measurements were taken after a one-hour warm-up period at an ambient temperature of 22 ± 0.5 °C.

Optical Spectrum



Other Specifications

Power requirements: 110 V AC or 220 V AC, 50/60 Hz
Operating temperature range: 0 °C to +40 °C
Output: FC/APC
Fiber: Corning SMF-28

All specifications are subject to change without notice.

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