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**Table 91–14—Optical fiber and cable characteristics**

Description <sup>a</sup>	Type B1.1, B1.3 SMF					Unit
	1270	1310	1550	1577	1590	
Nominal wavelength <sup>b</sup>	1270	1310	1550	1577	1590	nm
Cable attenuation (max) <sup>c</sup>	0.44	0.4	0.35	0.35	0.36	dB/km
Zero dispersion wavelength <sup>d</sup>	1300 ≤ λ <sub>0</sub> ≤ 1324					nm
Dispersion slope (max)	0.093					ps / nm <sup>2</sup> · km

<sup>a</sup>The fiber dispersion values are normative, all other values in the table are informative.

<sup>b</sup>Wavelength specified is the nominal wavelength and typical measurement wavelength. Power penalties at other wavelengths are accounted for.

<sup>c</sup>Attenuation for single-mode optical fiber cables for 1310 nm and 1550 nm is defined in ITU–T G.652. The attenuation in the 1270 nm, 1577 nm and 1590 nm windows was calculated using spectral attenuation modelling method (5.4.4) included in G.650.1 (06/2004) and the matrix coefficients included in Appendix III herein. 1310 nm (0.4 dB/km), 1380 nm (0.5 dB/km) and 1550 nm (0.35 dB/km) attenuation values were used as the input for the predictor model.

<sup>d</sup>See IEC 60793 or ITU–T G.652.

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