

Summary

This Recommendation describes the geometrical, mechanical, and transmission attributes of a single-mode optical fibre and cable which has zero-dispersion wavelength around 1310 nm. This fibre was originally optimized for use in the 1310 nm wavelength region, but can also be used in the 1550 nm region. This is the latest revision of a Recommendation that was first created in 1984. This revision creates new categories of the fibre having a reduced PMD link design value of $0.20 \text{ ps}/\sqrt{\text{km}}$, in order to accommodate systems with higher bit rate/distance products than had been possible with prior revisions. This revision is intended to maintain the continuing commercial success of this fibre in the evolving world of high-performance optical transmission systems.