

Title (en)
DISPERSION COMPENSATING SINGLE MODE WAVEGUIDE

Title (de)
DISPERSIONSKOMPENSIERTER MONOMODIGER WELLENLEITER

Title (fr)
GUIDE D'ONDES UNIMODAL A COMPENSATION DE LA DISPERSION

Publication
EP 0857313 A1 19980812 (EN)

Application
EP 97934929 A 19970714

Priority

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- US 2329796 P 19960731

Abstract (en)
[origin: WO9804941A1] A dispersion compensating single mode optical waveguide fiber designed to change the wavelength window of operation of a link from 1301 nm to 1550 nm. The dispersion compensating waveguide fiber is characterized by a core glass region refractive index profile comprised of at least three segments (2, 4, 6, 8). The segment (2) on the waveguide center has a positive relative refractive index. At least one segment (4, 8), spaced apart from the waveguide centerline has a negative relative refractive index.

IPC 1-7
G02B 6/22

IPC 8 full level
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