

Supporting Information

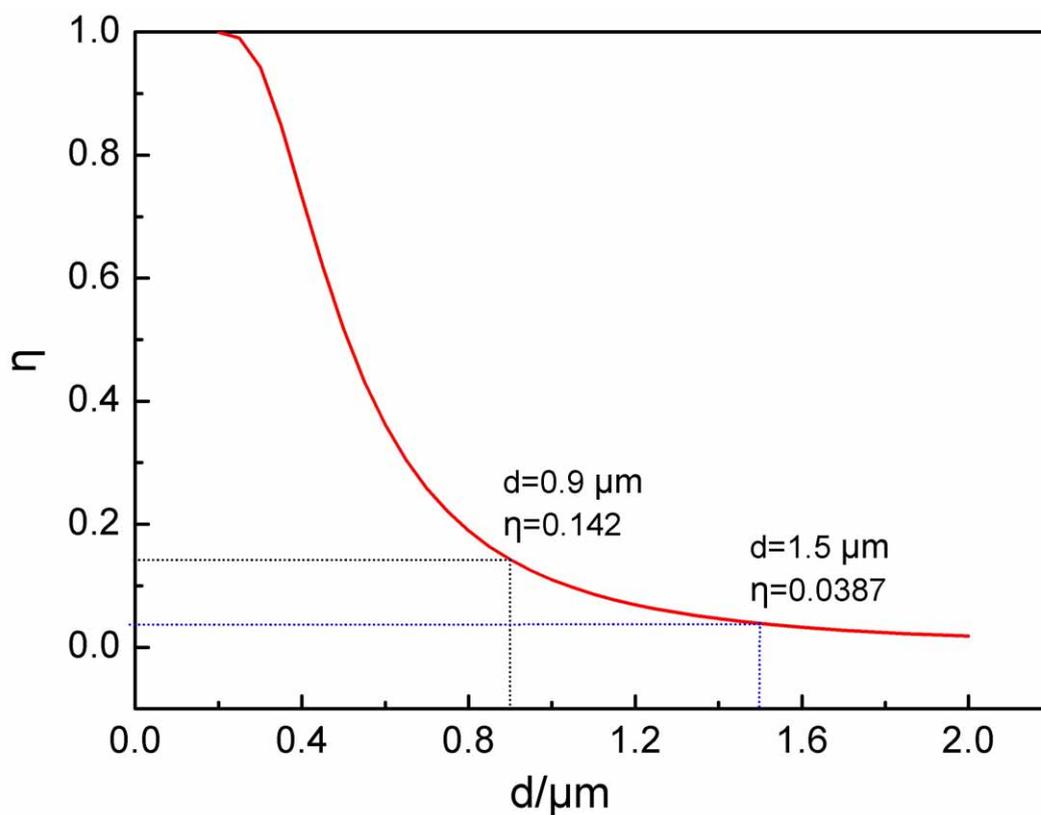


Fig. S1 Fractional power of the fundamental modes outside the fibre (η) of water-clad microfibre operated at 633-nm wavelength.

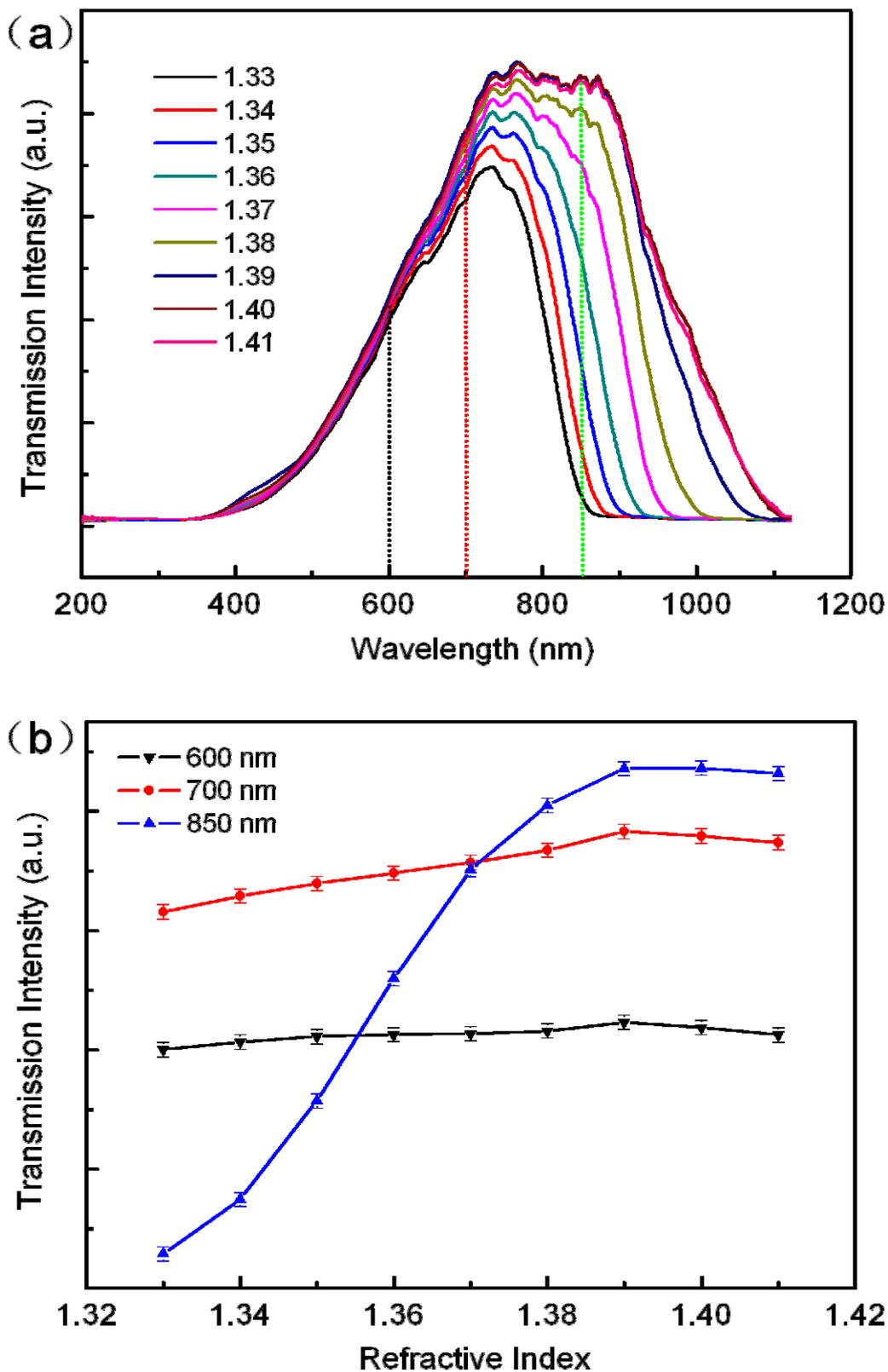


Fig. S2 (a) Transmission spectra of a series of ethylene glycol solutions with RI range from 1.33 to 1.41 with a 900-nm-diameter microfiber. (b) Transmission intensity versus refractive index of different RI solutions at different wavelength for MCBMS with a 900-nm-diameter microfiber. The y-errors are determined from 3 repeated measures.