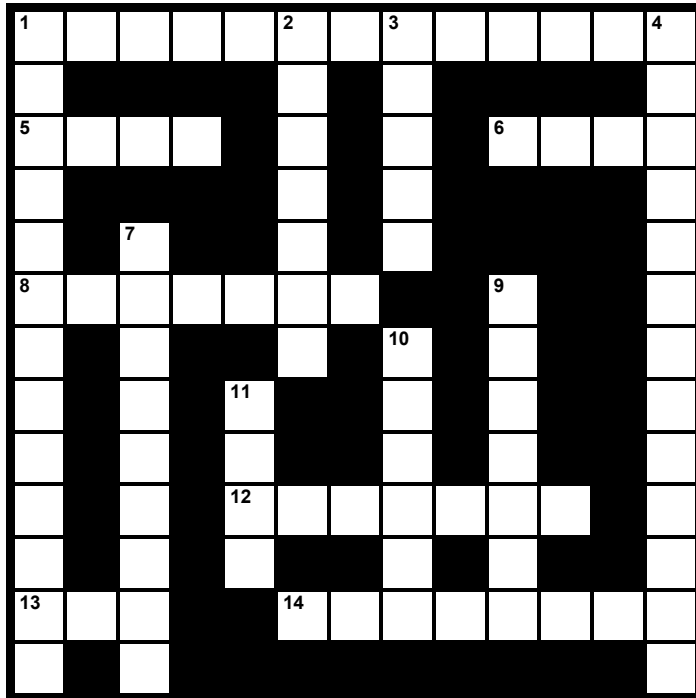


Fiber_Optics_13x13_2003-04-17

B.B. Huria



Across

1 The smallest angle of incidence for which light is totally reflected. (8,5)

5 A unit of signalling speed. (4)

6 Hardware connection point at each end of the link. (4)

8 A mechanical media termination device designed to align and join fibre optic connectors. (7)

12 Antonym of analog. (7)

13 A semiconductor diode that spontaneously emits light when current is applied. (3)

14 Increased attenuation in a fiber due to bending of fiber. (4,4)

Down

1 Optical fibre cable that has connectors installed on one or both ends. (5,8)

2 A fiber optic device used to couple light from one fiber into another fiber(s). (7)

3 Visible electromagnetic spectrum. (5)

4 Loss of light intensity that is not intrinsic to the fiber but is related to imperfect joining. (9,4)

7 A medium that guides the electromagnetic wave. (9)

9 Optical fibre

cable that has a connector installed on one end. (7)

10 The actual operation of joining fibres together by melting. (6)

11 A single electromagnetic wave traveling in a fiber. (4)