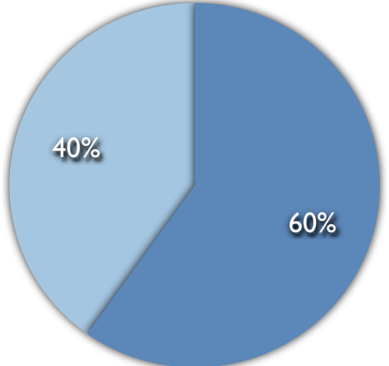
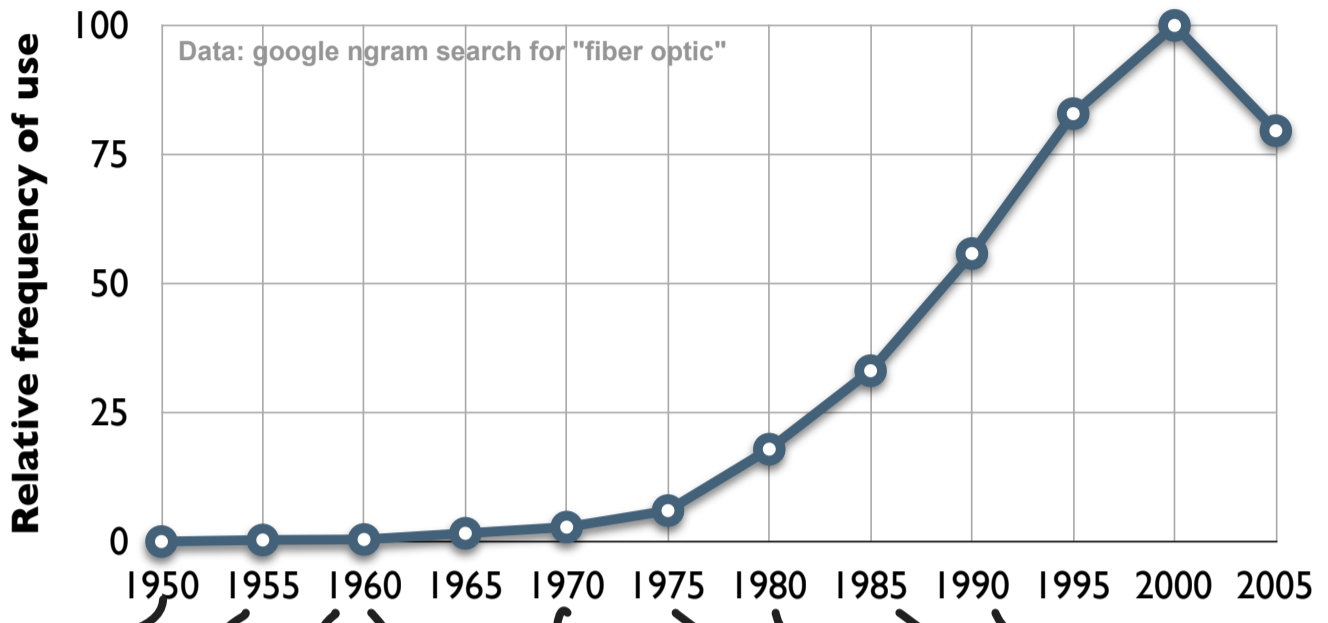


● Fiber or ● Fibre



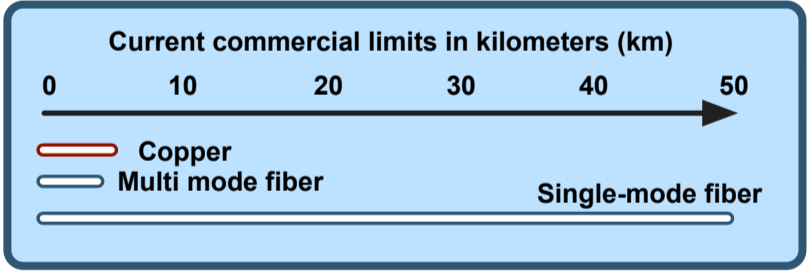
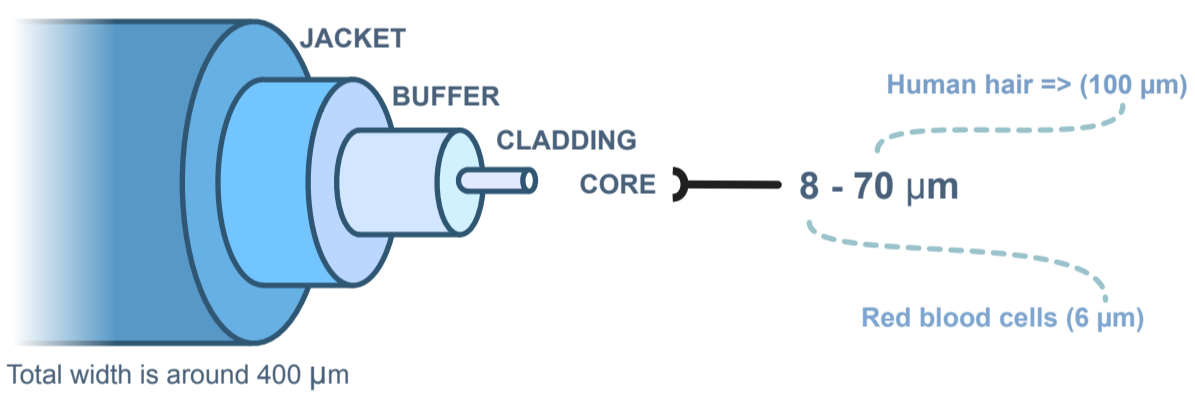
Which fibre/fiber? Usage based on frequency of keyword searches on google

Tracking the publication rate/frequency of "Fiber Optics" in books



- 1952 - fiber cladding first used
- 1954 - CIA fiber optic project started
- 1957 - first in-patient fiber optic endoscope
- 1960 - single mode fiber made
- 1970 - STL shows off fiber optic signal transmission at Physics exhibition London
- 1975 - First non-experimental fiber optic comms installed by Dorset (UK) police
- 1980 - First transatlantic fiber (TAT-8) announced
- 1986 - English channel cable completed
- 1991 - Nakazawa sends a signal through 1 million Km of fiber

Modern design



The longest transmitted fiber optic signal travelled through 180 million km of fiber which is equivalent to sending a signal from the earth to the sun along a single fiber

**Copper**

Can take about 11 kg (2 average cats or one cat asleep)

**Fiber optic**

Can take about 90 kg (about 18 cats)

