



DOM (Digital Optical Module)

4-sided version

Digital Optical Modules (DOMs) are the eyeballs of the IceCube Neutrino Observatory. These basketball-sized devices are made of a 10-inch photomultiplier tube (bottom) and associated electronics (top). When a neutrino interacts with the ice, it produces a cone of light called Cherenkov radiation. The light is converted to an electrical signal in the photomultiplier tube and sent to the computers in the IceCube Laboratory. The IceCube array has 5,160 DOMs.

Snowflake cutting tips:

- Use small scissors!
- Crease the edges of each fold with a pencil or the scissors' handle to decrease chance of paper slipping while cutting.
- Print on thinner paper for easier cutting.
- Cut the inner detail work first, then unfold once to do the outside cuts.