

# Cavern Fibre Cable

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- The front-end links group has proposed to develop a common solution for the links cavern cable. We are hoping to use a cable offered to the CMS tracker group by Ericsson.
- Mark Pearce of KTH is our contact with Ericsson.
- The cable consists of a outer loose tube sheath with eight 12way ribbons inside.
- We may need two extra monitor fibres in each loose tube cable to satisfy CERN safety. Ericsson said that adding these extra fibres would be technically challenging.
- Ericsson would prefer to use plasma fibre for making cables.
- CERN will place an order for a prototype cable.
- I will be talking to Fujikura about making cables.