

# Radiation Hardness of Graded-index Optical Fibre in Sub-Zero Temperature Environments

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We report temperature dependent radiation induced absorption from cold tests of optical fibres which are candidates for a future high energy physics detector. The optical fibre was exposed to ionizing radiation at -20 deg. C.

## Summary

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We report temperature dependent radiation induced absorption from cold tests of optical fibres which are candidates for the future ATLAS and CMS detectors at the LHC. The optical fibre was exposed to ionizing radiation at -20 deg. C.

**Primary authors:** Dr HUFFMAN, B. Todd (Oxford University); Ms HANZLIK, Jessica (Oxford University)

**Co-authors:** Dr ISSEVER, Cigdem (Oxford University); Dr WEIDBERG, Tony (Oxford University)

**Presenter:** Dr HUFFMAN, B. Todd (Oxford University)

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