

WAVELENGTH SHIFTING FIBERS FOR THE T2K FINE GRAINED DETECTOR*

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The near detector of the T2K experiment includes the Fine Grained Detector (FGD). The FGD uses wavelength shifting (WLS) fibers to collect and transport light from scintillating bars excited by particles interacting with the detector. In this talk, quality control and measurements of light attenuation, light output and mirroring efficiency of these WLS fibers are presented.

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