



The Cryo Project (LCLS-II)

An electron accelerator that will produce a high-power free-electron laser for cutting-edge scientific explorations





- Currently one of the largest projects being worked on at Fermi
- Cables subjected to temperatures as low as 100 degrees K
- Requirement for Non-magnetic connectors (< 30mGauss)
- Rad. levels up to 100 Mrad (Used Tflex-402-TZ and Tflex-401-TZ)
- Requirement to cold shock cables with liquid nitrogen
- Have already shipped over 800 assem. (TMC start to finish).
- Projected to need roughly 6000 assemblies over the next 18 months