

Date: 22/June/2024

OFC (Optic Fiber Cable)

Today's Work: Optic Fiber cabling from Server room to Madhav Block at BVM School kitchlu Nagar.



Fig 1: Optic Fiber Cable Roll

- Fiber-optic cables are the leading technology for high-capacity, **long-distance data transmission** due to their superior performance and reliability compared to traditional copper cables.
- Fiber-optic cables offer much **higher bandwidth** and **data transmission speeds** compared to traditional copper cables.
- Fiber-optic cables are widely used for **high-speed internet**, television, and telephone services, as well as in various industrial and scientific applications that require **high-bandwidth** data transmission
- They are also **more durable** and require **less maintenance** than copper cables, as they are less prone to damage and corrosion.