

BLOCK : TIRURANGADI

OPTICAL FIBRE CABLE (Existing/proposed) ROUTE FOR CONNECTING PANCHAYATS IN TIRURANGADI BLOCK

Legend:

- Exchange/Joint (Green circle with a dot)
- Panchayath (Red circle)
- OLT (Blue cylinder)
- RPR/OCLAN (Blue cube)
- 2:4 Splitter (Blue star)
- Existing OFC (Solid blue line)
- Proposed OFC (Dotted blue line)

Network Diagram:

The diagram shows the following connections and distances:

- Existing OFC (Solid blue lines):**
 - Pallikall Bazar GSM to Chelari TE (5.7 km)
 - Idimuzhikkal to Chelari TE (5.8 km)
 - Chelari TE to Panambra JT (1.7 km)
 - Panambra JT to Velimukku TE (5.5 km)
 - Velimukku TE to Tirurangadi OCLAN (5.3 km)
 - Tirurangadi OCLAN to Parappanangadi (6.9 km)
 - Parappanangadi to Athani JT (11 km)
 - Tirurangadi OCLAN to Tirurangadi Bypass JT (7.2 km)
 - Tirurangadi Bypass JT to Kundoor TE (0.2 km)
- Proposed OFC (Dotted blue lines):**
 - Pallikall GP to Pallikall Bazar GSM (0.3 km)
 - Peruvallloor GP to Parambilapedika TE (0.4 km)
 - Chelambra GP to Idimuzhikkal (0.4 km)
 - Thenhippalam GP to Panambra JT (0.2 km)
 - Vallikunnu GP to Athani JT (0.55 km)
 - Parappanangadi GP to Parappanangadi (0.45 km)
 - Moonniyur GP to Velimukku TE (0.15 km)
 - Tirurangadi GP to Tirurangadi Bypass JT (1.5 km)
 - Nannambra GP to Kundoor TE (0.2 km)
- Other Nodes:**
 - 2:4 Splitters are located at Velimukku TE, Thenhippalam GP, and Parappanangadi.
 - The OLT is located at Tirurangadi OCLAN.

Summary Table:

No. of OLT	1
No. of OCLAN/RPR	1
No. of 2:4 splitter	3
Existing OFC	56.1 Kms
Proposed OFC Route	4.15 Kms

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