

The diagram illustrates a complex fiber optic network. Key locations include DURGAKA BAS, ANOPURA, JALSOO, RAITHAL, JAININGHPURA, KHANNIPURA, RADHAKHANSHPURA, PUNANA, BICHADI, MUNDOTA, MAHESHWAR KALAN, ROJDA TE, JAHOTA, BHATTON KI GALI, BHATHOTHA, CHOUH T.E., KHORA, SHYAMODAS, RAMPURA, SEWAPURA, AKHAPURA, BHONTHAL, MANPURA MACHERI, BILONCHI, CHITANU KALAN, BAGAWADA, KANT, CHHAPRADE, LABANA, KHORA MEENA, KUKAS, and NANGAL SUSAWATAN. The network is divided into several sections, with a central section labeled 'Govindhgarh OLT' and 'CHOMU'. A legend at the bottom right provides details on the symbols used, including OLT, Prop 24 F OFC for RING, Existing 6 F OFC SSA, Existing 12 F OFC SSA, Existing 24 F OFC, Incremental 24 F OFC req, Existing 96 F OFC by Jn Ur, Existing 12 F OFC NTR, Gram Panchayat, GSM BTS, Splitter, BIC, T.F.E, and BHQ.

Legend:

- OLT
- Prop 24 F OFC for RING
- Existing 6 F OFC SSA
- Existing 12 F OFC SSA
- Existing 24 F OFC
- Incremental 24 F OFC req
- Existing 96 F OFC by Jn Ur
- Existing 12 F OFC NTR
- Gram Panchayat
- GSM BTS
- Splitter
- BIC
- T.F.E
- BHQ

- § The distance between OLT & ONT is varied as per availability of fibres & optical power budget
- § The loss of 2:4 Splitter is assumed to be -8 db.
- § It is assumed that each customer will get 100 Mbps Bw.
- § The connectivity between OLT and Tier 2 Switch is assumed to be 1 GE.