

# FTTH Unit Economics Model

Telecom, ISP & Cable

Document type: Financial model / analysis · Generated 15 Oct 2026

This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

## Background

Model the unit economics of an FTTH area — cost per home passed and per home connected, ARPU, contribution per subscriber, penetration break-even and payback — as a structured analysis to decide whether an area is worth wiring. Fill in your inputs below.

## Purpose of this tool & output

Homes-passed to profit, per subscriber

## How the output is used

Use the model to trace homes-passed to profit per subscriber — cost to connect, ARPU, churn and payback.

## Who should vet it

A CA or finance advisor to confirm the take-rate, ARPU, churn and cost-to-connect assumptions.

## Important cautions

AI-generated model; validate assumptions.

## Companion documents

- ISP Profit & Loss Builder
- ARPU Analysis
- Tower / Site ROI Model
- Network Capex / Opex Plan
- Subscriber Cohort Analysis
- Plan Pricing & Profitability Analysis

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.