

INTERCONNECTION OFFER

Disclaimer

The ICO T&Cs shown here are subject to public consultation by the IDA

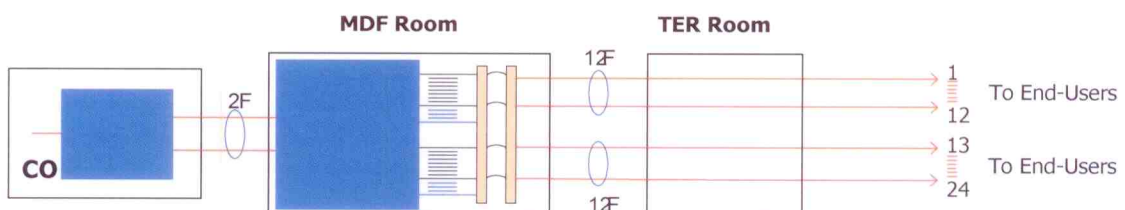
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Residential End-User Connection

Basic Mandated Service : Residential (High Rise)

- Layer 1 service from CO to the 1st TP of a Residential Premise
- Able to support GPON (Splitter in MDF Room) and OE (Actives in MDF Room)
- Available in 1:24 split ratio and 1:1 split ratio
- Minimum 12 months contract term



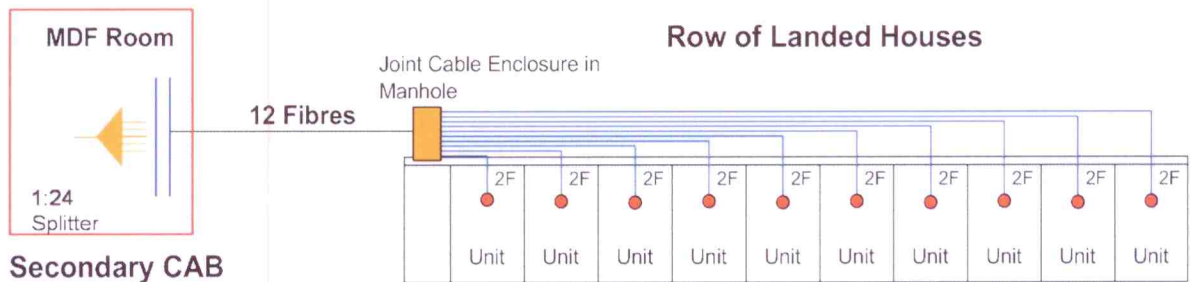
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Residential End-User Connection

Basic Mandated Service : Residential (Landed)

- Layer 1 service from CO to the 1st TP of a Residential Premise
- Able to support GPON (Splitter in MDF Room) and OE (Actives in MDF Room)
- Available in 1:24 split ratio and 1:1 split ratio
- Minimum 12 months contract term



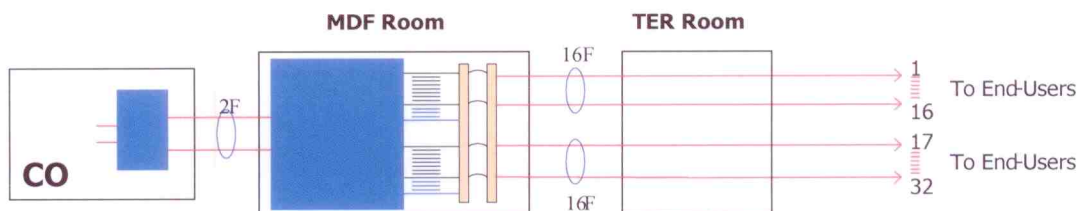
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Non-Residential End-User Connection

Basic Mandated Service : Non-Residential (High Rise)

- Layer 1 service from CO to the 1st TP of a Non-Residential Premise
- Able to support GPON (Splitter in MDF Room) and OE (Actives in MDF Room)
- Available in 1:16 split ratio and 1:1 split ratio
- Minimum 12 months contract term



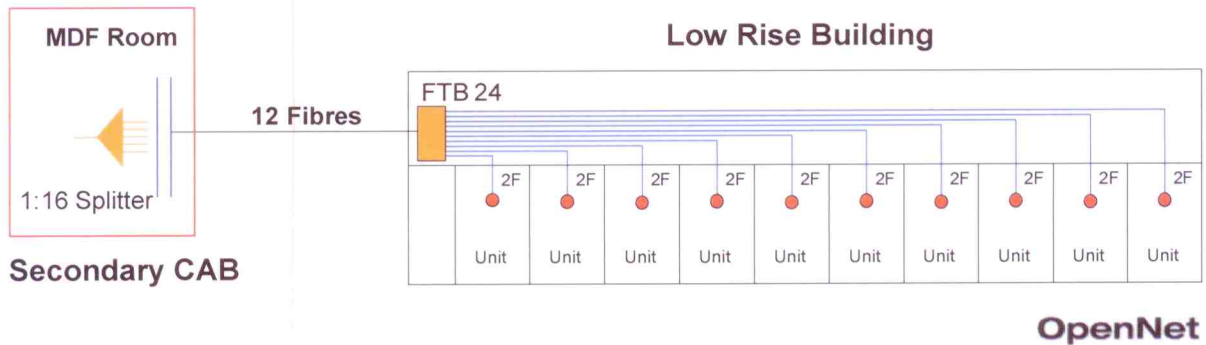
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Non-Residential End-User Connection

Basic Mandated Service : Non-Residential (Low Rise)

- Layer 1 service from CO to the 1st TP of a Non-Residential Premise
- Able to support GPON (Splitter in MDF Room) and OE (Actives in MDF Room)
- Available in 1:16 split ratio and 1:1 split ratio
- Minimum 12 months contract term

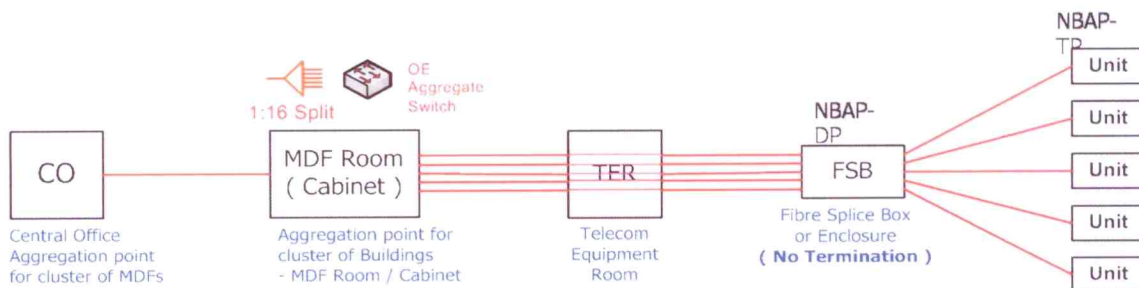


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NBAP Connection

Basic Mandated Service : NBAP Connection

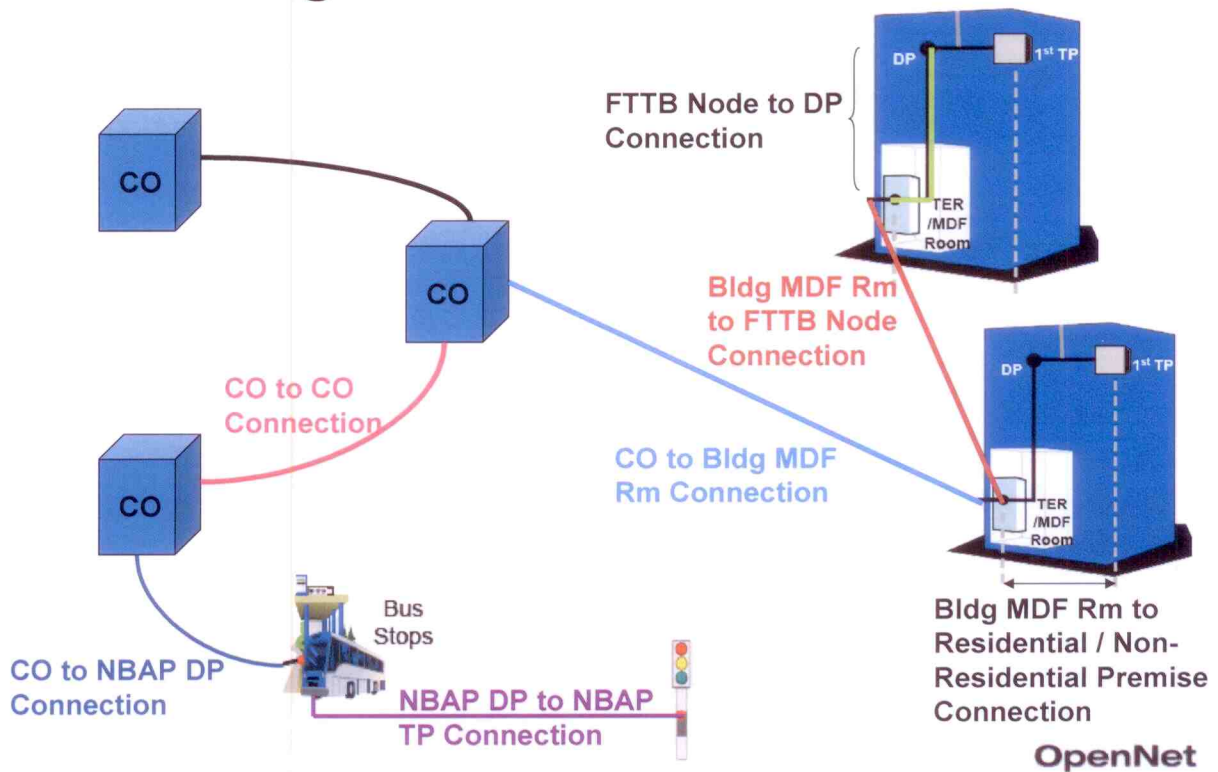
- Layer 1 service from CO to NBAP TP
- Able to support GPON (Splitter in MDF Room) and OE (Actives in MDF Room)
- Available in 1:16 split ratio
- Minimum 12 months contract term



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Segment-based Connection



Type of Charges

Monthly Recurring Charge

- Fixed monthly charge based on service ordered

One Time Installation Charge

- **Residential End-User Connection**
- \$0 for Home Reached
- If owner refused entry on first pass during initial rollout, there shall be an installation charge per connection
- The installation charge includes fibre patching service at the MDF Room, onsite manpower charges and cable drop from DP to 1st TP

Non-Residential End-User Connection

- Installation charges include :
 - Standard Installation; and
 - Installation of Network from FTTB Node to 1st TP

NBAP Connection

- Installation charges include :
 - Standard Installation; and
 - Charges for digging, trenching to lay duct to NBAP location

Type of Charges

Segments	One Time Installation Components
CO to CO Connection	<ul style="list-style-type: none"> • Patching Service at CO and onsite manpower charges
CO to Building MDF Room Connection	<ul style="list-style-type: none"> • Patching Service at CO and at Building MDF Room, and onsite manpower charges
Building MDF to Residential Premise Connection	<ul style="list-style-type: none"> • No installation required if Home Reached • If home owner refused entry, there shall be installation charge for fibre patching service at the MDF Room, onsite manpower charges and cable drop from DP to 1st TP
Building MDF Room to Non-Residential Premise Connection	<ul style="list-style-type: none"> • Patching Service at Building MDF Room and at FTTB Node, and onsite manpower charges; and • Cost oriented charges for installation of vertical fibre / in-building cabling, ducting, enclosure, cable tray from Building MDF Room to 1st TP of Non-Residential Premise
Building MDF Room to FTTB Node	<ul style="list-style-type: none"> • Patching Service at Building MDF Room and at FTTB Node, and onsite manpower charges

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Type of Charges

Segments	One Time Installation Components
FTTB Node to DP	<ul style="list-style-type: none"> • Patching Service • Cost oriented charges for installation of vertical fibre / in-building cabling, ducting, enclosure, cable tray from Building MDF Room to 1st TP of Non-Residential Premise
CO to NBAP DP	<ul style="list-style-type: none"> • Patching Service • OTC for Digging/Trenching to lay ducts on a case by case basis
NBAP DP to NBAP TP	<ul style="list-style-type: none"> • Patching Service • OTC for Digging/Trenching to lay ducts on a case by case basis

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Other Ad-Hoc One-Time Charges

Onsite Charges (if required/requested)

Onsite Escort Service per visit per staff (first 2 hrs, min 2 hrs)

Subsequent hour blocks will be charged per staff at the following factor

Period	Time	Factor
Mon – Fri	9 am to 5 pm	1
Saturday	9 am to 1 pm	
Mon – Fri	After 5 pm	1.5
Saturday	After 1 pm	
Sundays Public Holidays	Throughout	2

Also applies to Joint Investigation Charges

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Other Ad-Hoc One-Time Charges

Other Services to OpCo/QP	Charging Details
Patching Charge at CO*	Charged based on per patch point
Premature Termination Charge	100% of remaining contractual value
No Fault Found Charges	Charges based on per report
Cancellation Charges	Same as OTC

Note:

*Standard patching for Per-Segment Connection is covered under the standard installation charge. Patching charges at the CO applies for per End User Connection only when patching service is required.

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Co-Location Service

Co-Location Details	Terms and Conditions
1. Service configuration and Technical Specifications	<p>Possible Rack format :</p> <ul style="list-style-type: none"> a) 600mm by 600mm by 42U racks (i.e. industry standard 19 inch racks); or b) 800 mm by 1000mm by 42U racks (i.e. industry-standard 19-inch that incorporates space for cabling and airflow.) <p>Offer QPs Co-Location space up to a maximum of 120 sqm per CO</p>
2. Service Term	Term of a Co-Location License is 25 years from completion of Site Preparation work.
3. Key provisioning principles and terms	<p>Allocation in a fair and reasonable manner on a first-come-first-serve basis.</p> <p>Space provided for the purpose of connecting to the Network and the provision of services over the Network.</p>
4. Others	Combined maximum of 16 requests for Co-Location Services from all NetCo QPs per week.

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Co-Location Service

Co-location Services
Monthly Charge for Co-Location space
Monthly Charge for Co-Location power
Ordering charge (per order)
Project Study
<p>Site Preparation & Installation</p> <p><small>(includes site prep for M&E work, acquiring permits (where necessary) from Fire Safety Bureau and Building & construction authority charges, and the termination of Transmission Tie Cables to QP's FDF)</small></p>
Updating Access List
Co-Location Equipment Modification (per request)
Co-Location Equipment Reconnection (per request)
Pre-mature Termination charge

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