

**BT Wholesale Catalogue**

**BT Wholesale Catalogue**  
**Current Cost Financial Statements 2005**

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## BT Wholesale Catalogue

**Service:** *Wholesale residential analogue internal service connections*

**Market:** *Wholesale residential analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Connection of narrowband Residential ordinary and Featureline exchange line(s) within defined service parameters.*

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises, including line testing, from the Local Exchange concentrator;*
- b) Engineering and network support activity;*
- c) Sales General & Administration.*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 2*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale residential analogue internal service rentals*

**Market:** *Wholesale residential analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of narrowband Residential ordinary and Featureline exchange line(s) within defined service parameters.*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*
- e) Usage of capital equipment required to make the physical connection from the customers premises to the local exchange concentrator (NTE, dropwire, D-side and E-side cabling, main distribution frame and line card)*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 2*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale residential external service rentals*

**Market:** *Wholesale residential analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of narrowband Residential ordinary and Featureline exchange line(s) within defined service parameters.*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*

**Customer(s):** *Service Providers*

**Price list entry:** *Section 36, Part 3 (Wholesale Service Provider Price List)*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** *Wholesale business analogue internal service connections*

**Market:** *Wholesale business analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Connection of narrowband Business ordinary and Featureline exchange line(s) within defined service parameters.*

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises, including line testing, from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Sales, General & Administration*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 2*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale business analogue internal service rentals*

**Market:** *Wholesale business analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering: :**

*Rental, repair and maintenance of narrowband Business ordinary and Featureline exchange line(s) within defined service parameters.*

*Includes:*

- a) All direct engineering activity and to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*
- e) Usage of capital equipment required to make the physical connection from the customers premises to the local exchange concentrator (NTE, dropwire, D-side and E-side cabling, main distribution frame and line card)*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 2*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale business analogue internal service takeovers*

**Market:** *Wholesale business analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Takeover of previously stopped exchange lines.*

*Includes:*

- a) Instances of where SP's request a new provision but BT can start a previously stopped line.*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 2*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale business external service rentals</i>
<b>Market:</b> <i>Wholesale residential analogue exchange line services</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Rental, repair and maintenance of narrowband Business ordinary and Featureline exchange line(s) within defined service parameters.</i>  <i>Includes:</i> <ul style="list-style-type: none"><li><i>c) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator</i></li><li><i>d) Engineering and network support activity</i></li><li><i>e) Reactive &amp; preventative maintenance including line testing &amp; fault handling</i></li><li><i>f) Sales, General &amp; Administration</i></li></ul>
<b>Customer(s):</b> <i>Service Providers</i>
<b>Price list entry:</b> <i>Section 36, Part 3 (Wholesale Service Provider Price List)</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale business analogue external service connections*

**Market:** *Wholesale business analogue exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Connection of narrowband Business ordinary and Featureline exchange line(s) within defined service parameters.*

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Order handling and progression*
- d) Sales, General & Administration*

**Customer(s):** *Service Providers*

**Price list entry:** *Section 36, Part 3 (Wholesale Service Provider Price List)*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale business analogue external service transfers</i>
<b>Market:</b> <i>Wholesale business analogue exchange line services</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Transfer between Service Providers of a business analogue exchange line(s) service within defined service parameters.</i>  <i>Includes:</i>  <i>a) All direct engineering activity to complete transfer of the line from SP to SP.</i> <i>b) Engineering and network support activity</i> <i>c) Sales, General &amp; Administration</i>
<b>Customer(s):</b> <i>Service Providers</i>
<b>Price list entry:</b> <i>Section 36, Part 3 (Wholesale Service Provider Price List)</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN2 internal service connections*

**Market:** *Wholesale business ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Connection of ISDN2 business exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises, including line testing, from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Sales, General & Administration*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 26*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN2 internal service rentals*

**Market:** *Wholesale business ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of ISDN2 business exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*
- e) Usage of capital equipment required to make the physical connection from the customers premises to the local exchange concentrator (NTE, dropwire, D-side and E-side cabling, main distribution frame and line card)*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 26*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale business ISDN2 internal service takeovers</i>
<b>Market:</b> <i>Wholesale business ISDN2 exchange line services</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Takeover of previously stopped exchange lines.</i>  <i>Includes:</i>  <i>a) Instances of where SP's request a new provision but BT can start a previously stopped line.</i>
<b>Customer(s):</b> <i>BT Retail</i>
<b>Price list entry:</b> <i>Section 1, Part 26</i> <a href="http://www.serviceview.bt.com/list/current/docs/maintoc.htm">http://www.serviceview.bt.com/list/current/docs/maintoc.htm</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale business ISDN2 external service connections</i>
<b>Market:</b> <i>Wholesale business ISDN2 exchange line services</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Connection of ISDN2 business exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.</i>  <i>Includes:</i>  <ul style="list-style-type: none"><li><i>a) All direct engineering activity and commissioning to complete connection to the customer premises from the Local Exchange concentrator</i></li><li><i>b) Engineering and network support activity</i></li><li><i>c) Order handling and progression</i></li><li><i>d) Sales, General &amp; Administration</i></li></ul>
<b>Customer(s):</b> <i>Service Providers</i>
<b>Price list entry:</b> <i>Section 36, Part 4 (Wholesale Service Provider Price List)</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN2 external service rentals*

**Market:** *Wholesale business ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of ISDN2 business exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*

**Customer(s):** *Service Providers*

**Price list entry:** *Section 36, Part 4 (Wholesale Service Provider Price List)*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN2 external service transfers*

**Market:** *Wholesale business ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Transfer between Service Providers of an ISDN2 business exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity to complete transfer of the line(s) from SP to SP*
- b) Engineering and network support activity*
- c) Sales, General & Administration*

**Customer(s):** *Service Providers*

**Price list entry:** *Section 36, Part 4 (Wholesale Service Provider Price List)*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** Wholesale call originating local exchange segment (excl Operator Assistance)

**Market:** Call origination on fixed public narrowband networks

**Market review:** Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.

**Service Offering:**

Call duration for a call originating on a BT exchange line to the Local Exchange switch based on a pence per minute cost.

Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Local Exchange switching, Remote to Local Transmission Link & Length.

Also includes :

- a) Engineering and network support activity.
- b) Reactive and preventative maintenance including testing and fault handling.
- c) Billing Systems

**Customer(s):** BT Retail and Other Communication Providers

**Price list entry:** Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:

Section B1 - Telephony

Section B3 - Ancillary Service

Section C5.2 – Call Origination Basket

(<http://www.btwholesale.com/pricing>)

## BT Wholesale Catalogue

**Service:** Wholesale call originating local exchange segment (incl Operator Assistance)

**Market:** Call origination on fixed public narrowband networks

**Market review:** Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.

**Service Offering:**

Call duration for a call originating on a BT exchange line to the Local Exchange switch based on a pence per minute cost.

Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Local Exchange switching, Remote to Local Transmission Link & Length.

Also includes :

- a) Operator assistance and 999 calls.
- b) Engineering and network support activity.
- c) Reactive and preventative maintenance including testing and fault handling.
- d) Billing systems.

**Customer(s):** BT Retail and Other Communication Providers

**Price list entry:** Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:

Section B1 - Telephony

Section B3 - Ancillary Service

Section C5.2 – Call Origination Basket

<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** *Wholesale call originating local exchange segment (ISDN) (excl Operator Assistance)*

**Market:** *Call origination on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call duration for a call using ISDN (Integrated Service Digital Network) originating on a BT exchange line to the Local Exchange switch based on a pence per minute cost.*

*Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Local Exchange switching, Remote to Local Transmission Link & Length.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing Systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1 - Telephony*

*Section B3 - Ancillary Service*

*Section C5.2 – Call Origination Basket*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** Wholesale call originating local exchange segment (ISDN) (incl Operator Assistance)

**Market:** Call origination on fixed public narrowband networks

**Market review:** Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.

**Service Offering:**

Call duration for a call using ISDN (Integrated Service Digital Network) originating on a BT exchange line to the Local Exchange switch based on a pence per minute cost.

Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Local Exchange switching, Remote to Local Transmission Link & Length.

Also includes :

- a) Operator assistance and 999 calls.
- b) Engineering and network support activity.
- c) Reactive and preventative maintenance including testing and fault handling.
- d) Billing systems.

**Customer(s):** BT Retail and Other Communication Providers

**Price list entry:** Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:

Section B1 - Telephony

Section B3 - Ancillary Service

Section C5.2 – Call Origination Basket

(<http://www.btwholesale.com/pricing>)

## BT Wholesale Catalogue

**Service:** *Wholesale call origination local exchange stick*

**Market:** *Call origination on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call originating from a Local Exchange and conveying it to another Local Exchange based on a pence per minute cost. Is applicable only for the BT to BT calls.*

*Utilises the Remote Concentrator to Local Exchange Transmission Link and Length components.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Sales, General & Admin.*

**Customer(s):** *BT Retail*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1 - Telephony*

*Section B3 - Ancillary Service*

*Section C5.2 – Call Origination Basket*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale call origination local exchange stick (ISDN)*

**Market:** *Call origination on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for an ISDN (Integrated Service Digital Network) call originating from a Local Exchange and conveying it to another Local Exchange based on a pence per minute cost. Is applicable only for the BT to BT calls.*

*Utilises the Remote Concentrator to Local Exchange Transmission Link and Length components.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Sales, General & Admin.*

**Customer(s):** *BT Retail*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1 - Telephony*

*Section B3 - Ancillary Service*

*Section C5.2 – Call Origination Basket*

<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** Wholesale local exchange call origination circuit excluding Flat Rate Internet Access Customer Origination (FRIACO) port

**Market:** Call origination on fixed public narrowband networks

**Market review:** Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.

**Service Offering:**

*FRIACO is a per port charge to another operator for access to internet at a fixed rate*

*Call duration for an internet access call originating a BT exchange line up to and including the Local Exchange switching expressed as a cost per 64k circuit.*

*Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and contains the following elements; 64k circuit at the Concentrator, 64k circuit at the Local Exchange, 64k circuit Remote to Local Transmission Link & Length.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Sales, General & Admin.*

**Customer(s):** BT Retail and Other Communication Providers

**Price list entry:** Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:

*Section B1 - Telephony*

*Section B3 - Ancillary Service*

*Section C5.2 – Call Origination Basket*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale FRIACO port at the local exchange</i>
<b>Market:</b> <i>Call origination on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>FRIACO is a per port charge to another operator for access to internet at a fixed rate</i>  <i>Provision of a dedicated 2mb circuit from, and including, a switch port on the network side of the local exchange to a main exchange switching site.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B3.40</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale PPP for FRIACO</i>
<b>Market:</b> <i>Call origination on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>FRIACO is a per port charge to another operator for access to internet at a fixed rate.</i> <ul style="list-style-type: none"><li>• <i>This service is the Product Management, Policy and Planning (PPP) for Flat Rate Internet Access Customer Originated.</i></li></ul>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B3.40</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale PPP</i>
<b>Market:</b> <i>Call origination on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Wholesale PPP represents the pence per minute charge levied on all applicable calls over the BT network. It is the mechanism by which BT recovers its PPP costs for supporting Interconnect calls.</i> <ul style="list-style-type: none"><li>• <i>This service is the Product Management, Policy and Planning (PPP) activities that comprise the costs incurred by BT in servicing and supporting the Interconnect calls.</i></li></ul> <i>Also includes :</i> <ul style="list-style-type: none"><li>a) <i>Pay costs for staff supporting Interconnect calls.</i></li><li>b) <i>Attributable Sales, General &amp; Admin costs to support these staff.</i></li></ul>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B1.01 (included in call costs)</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem conveyance short</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for a call conveyance segment from a Tandem Exchange and conveying it to another Tandem Exchange where the distance between Tandem Exchanges is less than 100 kilometers.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.</i>  <i>May utilise Local Exchange Switching in place of Tandem Exchange Switching where the Local Exchange is acting as a Tandem Exchange in the network.</i>  <i>Also includes :</i>  <ul style="list-style-type: none"><li><i>a) Engineering and network support activity.</i></li><li><i>b) Reactive and preventative maintenance including testing and fault handling.</i></li><li><i>c) Billing systems.</i></li></ul>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.5</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem conveyance medium</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for a call conveyance segment from a Tandem Exchange and conveying it to another Tandem Exchange where the distance between Tandem Exchanges is between than 100 and 200 kilometres.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.</i>  <i>May utilise Local Exchange Switching in place of Tandem Exchange Switching where the Local Exchange is acting as a Tandem Exchange in the network.</i>  <i>Also includes :</i>  <ul style="list-style-type: none"><li><i>a) Engineering and network support activity.</i></li><li><i>b) Reactive and preventative maintenance including testing and fault handling.</i></li><li><i>c) Billing systems.</i></li></ul>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.6</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale inter-tandem conveyance long*

**Market:** *Inter-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call conveyance segment from a Tandem Exchange and conveying it to another Tandem Exchange where the distance between Tandem Exchanges is greater than 200 kilometres.*

*Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*May utilise Local Exchange Switching in place of Tandem Exchange Switching where the Local Exchange is acting as a Tandem Exchange in the network.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Section C1.7*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem conveyance short (ISDN)</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for an ISDN (Integrated Services Digital Network) call originating from a Tandem Exchange and conveying it to another Tandem Exchange where the distance between Tandem Exchanges is less than 100 kilometers.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.</i>  <i>May utilise Local Exchange Switching in place of Tandem Exchange Switching where the Local Exchange is acting as a Tandem Exchange in the network.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Billing systems.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.5</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem conveyance medium (ISDN)</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for an ISDN (Integrated Services Digital Network) call originating from a Tandem Exchange and conveying it to another Tandem Exchange where the distance between Tandem Exchanges is between than 100 and 200.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.</i>  <i>May utilise Local Exchange Switching in place of Tandem Exchange Switching where the Local Exchange is acting as a Tandem Exchange in the network.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Billing systems.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.6</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem conveyance long (ISDN)</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for an ISDN (Integrated Services Digital Network) call originating from a Tandem Exchange and conveying it to another Tandem Exchange where the distance between Tandem Exchanges is greater than 200 kilometres.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.</i>  <i>May utilise Local Exchange Switching in place of Tandem Exchange Switching where the Local Exchange is acting as a Tandem Exchange in the network.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Billing systems.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.7</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale inter-tandem conveyance for IDD*

**Market:** *Inter-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call duration for a call originating (or terminating) on an Other Communications Provider network. It passes through one or more tandem exchanges to and is conveyed to an (ISC) International Switching Centre for (IDD) International Direct Dialling.*

*Can also be for a call originating at an ISC for conveyance to a Tandem Exchange.*

*Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Sales, General & Admin.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1.04 - Telephony*

*Section C1.9 – Inter-Tandem IDD Conveyance*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem transmission for IDD</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call duration for a call originating (or terminating) on BT network and uses transmission only, no switching, from a Tandem Exchange and conveying it to an (ISC) International Switching Centre for (IDD) International Direct Dialling.</i>  <i>Can also be for a call originating at an ISC for conveyance to a Tandem Exchange.</i>  <i>Is used where the Tandem Exchange is directly connected to the ISC.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:</i>  <i>Section B1.04 - Telephony</i> <i>Section C1.12 – IDD Inter-Tandem Transmission</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem conveyance for IDD (ISDN)</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for an ISDN (Integrated Services Digital Network) call originating (or terminating) on an Other Communications Provider network. It passes through one or more tandem exchanges to and is conveyed to an (ISC) International Switching Centre for (IDD) International Direct Dialling.</i>  <i>Can also be for a call originating at an ISC for conveyance to a Tandem Exchange.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:</i>  <i>Section B1.04 - Telephony</i> <i>Section C1.11 – Inter-Tandem ISDN Conveyance</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale inter-tandem transmission for IDD (ISDN)</i>
<b>Market:</b> <i>Inter-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for an ISDN (Integrated Services Digital Network) call originating (or terminating) on BT network and uses transmission only, no switching, from a Tandem Exchange and conveying it to an (ISC) International Switching Centre for (IDD) International Direct Dialling.</i>  <i>Can also be for a call originating at an ISC for conveyance to a Tandem Exchange.</i>  <i>Is used where the Tandem Exchange is directly connected to the ISC.</i>  <i>Utilises the Tandem to Tandem Exchange Transmission Link and Length components.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:</i>  <i>Section B1.04 - Telephony</i> <i>Section C1.13 – ISDN Inter-Tandem Transmission</i> <i>(<a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>)</i>

## BT Wholesale Catalogue

**Service:** *Wholesale inter-tandem transit short*

**Market:** *Inter-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call originating from another Operator connected at a Tandem Exchange and conveying it to a second Tandem Exchange where the call exits to another Operator and where the distance between Tandem Exchanges is less than 100 km.*

*Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*Includes the cost of both the recipient and donor Tandem Exchanges.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1.12 - Telephony*

*Section C2.2 –Inter-Tandem Transit*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale inter-tandem transit medium*

**Market:** *Inter-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call originating from another Operator connected at a Tandem Exchange and conveying it to a second Tandem Exchange where the call exits to another Operator and where the distance between Tandem Exchanges between 100 and 200 km.*

*Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*Includes the cost of both the recipient and donor Tandem Exchanges.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1.12 - Telephony*

*Section C2.2 –Inter-Tandem Transit*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale inter-tandem transit long*

**Market:** *Inter-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call originating from another Operator connected at a Tandem Exchange and conveying it to a second Tandem Exchange where the call exits to another Operator and where the distance between Tandem Exchanges is greater than 200 km.*

*Utilises the Tandem to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*Includes the cost of both the recipient and donor Tandem Exchanges.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1.12 - Telephony*

*Section C2.2 –Inter-Tandem Transit*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale local-tandem conveyance segment*

**Market:** *Local-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call originating at a Local Exchange and conveying it to Tandem Exchange or vice versa.*

*Includes Call Set-Up between the switching units (establishing a network end to end path) and call Duration (holding the path open for the time the link is open). Utilises the Local to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*May utilise a second Local Exchange in place of Tandem Exchange where the Local Exchange is acting as a Tandem Exchange in the network.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1 - Telephony*

*Section C1.4 – Local Tandem Conveyance*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale local-tandem conveyance segment (ISDN)*

**Market:** *Local-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for an ISDN (Integrated Services Digital Network) call originating at a Local Exchange and conveying it to Tandem Exchange or vice versa .*

*Includes Call Set-Up between the switching units (establishing a network end to end path) and call Duration (holding the path open for the time the link is open). Utilises the Local to Tandem Exchange Transmission Link and Length and Tandem Exchange Switching components.*

*May utilise a second Local Exchange in place of Tandem Exchange where the Local Exchange is acting as a Tandem Exchange in the network.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1 - Telephony*

*Section C1.4 – Local Tandem Conveyance*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale local-tandem transmission stick*

**Market:** *Local-tandem conveyance and transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for a call originating from a Local Exchange and conveying it to another Local Exchange .*

*Is applicable only for the BT to BT calls.*

*Utilises the Local Exchange to Trunk Exchange Transmission Link and Length components.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Sales, General & Admin.*

**Customer(s):** *BT Retail*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1 - Telephony*

*Section C1.4 – Local Tandem Conveyance*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale local-tandem transmission stick (ISDN)</i>
<b>Market:</b> <i>Local-tandem conveyance and transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for an ISDN (Integrated Service Digital Network) call originating from a Local Exchange and conveying it to another Local Exchange .</i>  <i>Is applicable only for the BT to BT calls.</i>  <i>Utilises the Local Exchange to Trunk Exchange Transmission Link and Length components.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail</i>
<b>Price list entry:</b> <i>Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:</i>  <i>Section B1 - Telephony</i> <i>Section C1.4 – Local Tandem Conveyance</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale single transit segment</i>
<b>Market:</b> <i>Single transit on fixed public narrowband networks</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Call Duration for a call originating from another Operator connected at a Tandem Exchange and conveying it to another Operator connected at the same Tandem Exchange .</i>  <i>Utilises the Tandem Exchange Switching component.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Billing systems.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:</i>  <i>Section B1.12 - Telephony</i> <i>Section C2.1 – Single Transit</i> <a href="http://www.btwholesale.com/pricing">(<a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>)</a>

## BT Wholesale Catalogue

**Service:** *Wholesale single transit segment (ISDN)*

**Market:** *Single transit on fixed public narrowband networks*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Call Duration for an ISDN (Integrated Services Digital Network) call originating from another Operator connected at a Tandem Exchange and conveying it to another Operator connected at the same Tandem Exchange .*

*Utilises the Tandem Exchange Switching component.*

*Also includes :*

- a) Engineering and network support activity.*
- b) Reactive and preventative maintenance including testing and fault handling.*
- c) Billing systems.*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Note prices depend on the actual product e.g., Indirect Access, Local calls etc. Relevant sections of the Wholesale Carrier Price list are:*

*Section B1.12 - Telephony*

*Section C2.1 – Single Transit*

*(<http://www.btwholesale.com/pricing>)*

## BT Wholesale Catalogue

**Service:** *Wholesale standard CSI connection*

**Market:** *Technical areas*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Provision of a Customer-Sited Interconnect (CSI) circuit – a 2 MB PSTN connection from BT's exchange to the customer's premises.*

*Includes:*

*a) All direct engineering activity and commissioning to complete the connection*

*Supplementary Services:*

*To fulfil service connectivity, the following services are also required in conjunction with a CSI connection:*

- a) CSI Rental (fixed) - Non-distance rental of a CSI circuit*
- b) CSI rental per km - Distance-related rental of a CSI circuit*
- c) IBC Connection - Provision of an Intra-building circuit*
- d) IBC Rental - Rental of an Intra-building circuit*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Section B2.01*

<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** Wholesale standard CSI rental - fixed

**Market:** Technical areas

**Market review:** Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.

**Service Offering:**

*Non distance-related rental element of the inter-BT exchange part of a CSI circuit.*

Includes:

- a) A Local end – the access line (fibre/ copper/ radio and electronics)
- b) Transmission equipment at either end of the circuit
- c) Engineering and network support activity;
- d) Reactive & preventative maintenance including line testing & fault handling;

Supplementary Services:

*To fulfil service connectivity, the following services are also required in conjunction with the Non distance-related rental of a CSI circuit:*

- a) CSI Connection - Provision of a CSI circuit
- b) CSI rental per km - Distance-related rental of a CSI circuit
- c) IBC Connection - Provision of an Intra-building circuit
- d) IBC Rental – Rental of an Intra-building circuit

**Customer(s):** BT Retail and Other Communication Providers

**Price list entry:** Section B2.01  
(<http://www.btwholesale.com/pricing>)

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale standard CSI rental per km</i>
<b>Market:</b> <i>Technical areas</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Distance-related rental element of the inter-BT exchange part of a CSI circuit.</i>  <u><i>Includes:</i></u>  <i>a) Fibre, Duct and intermediate Transmission equipment (where circuits travel through more than one exchange)</i> <i>b) Reactive &amp; preventative maintenance including line testing &amp; fault handling</i> <i>c) Engineering and network support activity;</i>  <u><i>Supplementary Services:</i></u>  <i>To fulfil service connectivity, the following services are also required in conjunction with the distance-related rental of a CSI circuit:</i>  <i>a) CSI Connection - Provision of a CSI circuit</i> <i>b) CSI Rental (fixed) - Non distance-related rental of a CSI circuit</i> <i>c) IBC Connection - Provision of an Intra-building circuit</i> <i>d) IBC Rental – Rental of an Intra-building circuit</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B2.01</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale ISI rental - fixed*

**Market:** *Technical areas*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental of a circuit connecting BT's exchange to the customer's Point of connection (located in a junction box in excess of 100m of the serving exchange). Provision of an In-Span Interconnect circuit – a 2Mbit PSTN link from BT's Switch to the customer's Point of Connection (located in a junction box within 100m of the serving exchange).*

Includes:

- a) Fibre and Duct .*
- b) Reactive & preventative maintenance including line testing & fault handling*
- c) Engineering and network support activity*
- d) All direct engineering activity and commissioning to complete the connection*

Supplementary Services:

*To fulfil service connectivity, the following services are required in conjunction with the rental of an ISI circuit:*

- a) ISI Connection - Provision of an In-Span Interconnect circuit*
- b) IBC Connection - Provision of an Intra-building circuit*
- c) IBC Rental - Rental of an Intra-building circuit*

*Also, where interconnect is required beyond the adjacent exchange:*

- d) IEC Connection – Provision of an Interconnect Extension circuit*
- e) IEC (fixed) Rental – Non distance-related rental of an Interconnect Extension circuit*
- f) IEC Rental per km – Distance-related rental of an Interconnect Extension circuit*

**Customer(s):** *Other Communication Providers*

**Price list entry:** *Section B2.02*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale IEC connection</i>
<b>Market:</b> <i>Technical areas</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Provision of an Interconnect Extension circuit – a 2Mbit connection used to extend an ISI circuit between the Multiplexor in a Remote Switch Connection and the Multiplexor terminating the ISI Interconnect Link .</i>  <u><i>Includes:</i></u>  <i>a) All direct engineering activity and commissioning to complete the connection</i>  <u><i>Supplementary Services:</i></u>  <i>To fulfil service connectivity, the following services are required in conjunction with an IEC connection:</i>  <i>a) IEC (fixed) Rental – Non distance-related rental of an Interconnect Extension circuit</i> <i>b) IEC Rental per km – Distance-related rental of an Interconnect Extension circuit</i> <i>c) ISI Connection - Provision of an In-Span Interconnect circuit</i> <i>d) ISI Rental - Rental of an In-Span Interconnect circuit</i> <i>e) IBC Connection - Provision of an Intra-building circuit</i> <i>f) IBC Rental - Rental of an Intra-building circuit</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B2.02</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale IEC rental - fixed</i>
<b>Market:</b> <i>Technical areas</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Non distance related rental of a 2Mbit link used to extend an ISI circuit between the Multiplexor in a Remote Switch Connection and the Multiplexor terminating the ISI Interconnect Link</i>  <u>Includes:</u>  <i>a) Transmission equipment at either end of the IEC circuit b) Reactive &amp; preventative maintenance including line testing &amp; fault handling c) Engineering and network support activity;</i>  <u>Supplementary Services:</u>  <i>To fulfil service connectivity, the following services are required in conjunction with the non distance-related rental of an IEC circuit:</i>  <i>a) IEC Connection – Provision of an Interconnect Extension circuit b) IEC Rental per km – Distance-related rental of an Interconnect Extension circuit c) ISI Connection - Provision of an In-Span Interconnect circuit d) ISI Rental - Rental of an In-Span Interconnect circuit e) IBC Connection - Provision of an Intra-building circuit f) IBC Rental - Rental of an Intra-building circuit</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B2.02</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale IEC rental – per km</i>
<b>Market:</b> <i>Technical areas</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Distance-related rental (charged per km) of a 2Mbit link used to extend an ISI circuit between the Multiplexor in a Remote Switch Connection and the Multiplexor terminating the ISI Interconnect Link</i>  <u>Includes:</u>  <i>a) Fibre, Duct and intermediate Transmission equipment (where the circuit cross more than one exchange)</i> <i>b) Reactive &amp; preventative maintenance including line testing &amp; fault handling</i> <i>c) Engineering and network support activity;</i>  <u>Supplementary Services:</u>  <i>To fulfil service connectivity, the following services are required in conjunction with the distance-related rental of an IEC circuit:</i>  <i>a) IEC Connection – Provision of an Interconnect Extension circuit</i> <i>b) IEC (fixed) Rental – Non distance-related rental of an Interconnect Extension circuit</i> <i>c) ISI Connection - Provision of an In-Span Interconnect circuit</i> <i>d) ISI Rental - Rental of an In-Span Interconnect circuit</i> <i>e) IBC Connection - Provision of an Intra-building circuit</i> <i>f) IBC Rental - Rental of an Intra-building circuit</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B2.02</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale intra-building circuits connection</i>
<b>Market:</b> <i>Technical areas</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Provision of an Intra-Building Interconnect circuit - a connection between a BT Switch Connection and the Interface on the Multiplexor forming part of an Interconnect Link.</i>  <u><i>Includes:</i></u>  <i>a) All direct engineering activity and commissioning to complete the connection</i>  <u><i>Supplementary Services:</i></u>  <i>To fulfil service connectivity, the following services are required in conjunction with the provision of an Intra-building circuit:</i>  <i>a) CSI Connection - Provision of a CSI circuit</i> <i>b) CSI Rental (fixed) - Non distance-related rental of a CSI circuit</i> <i>c) CSI rental per km - Distance-related rental of a CSI circuit</i> <i>OR</i> <i>d) ISI Connection - Provision of an In-Span Interconnect circuit</i> <i>d) ISI Rental - Rental of an In-Span Interconnect circuit</i>  <i>Also, where interconnect is required beyond the adjacent exchange:</i>  <i>a) IEC Connection – Provision of an Interconnect Extension circuit</i> <i>b) IEC (fixed) Rental – Non distance-related rental of an Interconnect Extension circuit</i> <i>c) IEC Rental per km – Distance-related rental of an Interconnect Extension circuit</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B2.02</i> <a href="http://www.btwholesale.com/pricing">(<a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>)</a>

## BT Wholesale Catalogue

**Service:** *Wholesale intra-building circuits rental*

**Market:** *Technical areas*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental of a link between a BT Switch Connection and the Interface on the Multiplexor forming part of an Interconnect Link .*

*Includes:*

- a) Reactive & preventative maintenance including line testing & fault handling*
- b) Engineering and network support activity;*

*Supplementary Services:*

*To fulfil service connectivity, the following services are required in conjunction with the rental of an Intra-building circuit:*

- a) CSI Connection - Provision of a CSI circuit*
  - b) CSI Rental (fixed) - Non distance-related rental of a CSI circuit*
  - c) CSI rental per km - Distance-related rental of a CSI circuit*
- OR*
- d) ISI Connection - Provision of an In-Span Interconnect circuit*
  - e) ISI Rental - Rental of an In-Span Interconnect circuit*

*Also, where interconnect is required beyond the adjacent exchange:*

- f) IEC Connection – Provision of an Interconnect Extension circuit*
- g) IEC (fixed) Rental – Non distance-related rental of an Interconnect Extension circuit*
- h) IEC Rental per km – Distance-related rental of an Interconnect Extension circuit*

**Customer(s):** *Other Communication Providers*

**Price list entry:** *Section B2.01*

<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale rearrangements</i>
<b>Market:</b> <i>Technical areas</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Rearrangement of Intra building circuits will be necessary when an operator wishes to alter the actual routing of the circuit within the exchange (physical rearrangement) or the type of service offered over the circuit (software rearrangement).</i>  <i>A change necessitating a 2 Mbit/s Path being moved from one building to another building is not covered by rearrangement charges and requires cessation of the circuit and the provision of a new 2 Mbit/s CSI Interconnect Link.</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B2.01</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale call termination local exchange segment</i>
<b>Market:</b> <i>Fixed call termination</i>
<b>Market review:</b> <i>Review of the fixed geographic call termination markets.</i>
<b>Service Offering:</b>  <i>Call duration for a call terminating on the Access network originating from a Local Exchange switch .</i>  <i>Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Local Exchange switching, Remote to Local Transmission Link &amp; Length.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.1</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale call termination local exchange segment (ISDN)</i>
<b>Market:</b> <i>Fixed call termination</i>
<b>Market review:</b> <i>Review of the fixed geographic call termination markets.</i>
<b>Service Offering:</b>  <i>Call duration for an ISDN (Integrated services Digital Network) call terminating on the Access network originating from a Local Exchange switch .</i>  <i>Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Local Exchange switching, Remote to Local Transmission Link &amp; Length.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.1</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale call termination local exchange stick</i>
<b>Market:</b> <i>Fixed call termination</i>
<b>Market review:</b> <i>Review of the fixed geographic call termination markets.</i>
<b>Service Offering:</b>  <i>Call duration for a call terminating on the Access network originating from a Local Exchange switch .</i>  <i>Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Remote to Local Transmission Link &amp; Length.</i>  <i>Does not include Local Exchange switching and is only applicable to BT-BT and some CPS calls.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.1</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale call termination local exchange stick (ISDN)</i>
<b>Market:</b> <i>Fixed call termination</i>
<b>Market review:</b> <i>Review of the fixed geographic call termination markets.</i>
<b>Service Offering:</b>  <i>Call duration for an ISDN (Integrated Services Digital Network) call terminating on the Access network originating from a Local Exchange switch .</i>  <i>Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and utilises the following elements; Concentrator, Remote to Local Transmission Link &amp; Length.</i>  <i>Does not include Local Exchange switching and is only applicable to BT-BT and some CPS calls.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section C1.1</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Partial and Private Circuits 64kbit/s*

**Market:** *Traditional interface symmetric broadband origination (up to and including 8Mbit/s)*

**Market review:** *Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets*

**Service Offering:**

**Outline of Service**

*A Partial Private Circuit operating at 64kbit/s is a wholesale circuit from a Third Party Customer Link to a Public Electronic Communications Networks' (PECN) Point of Handover (PoH).*

*The service will be from a Third Party Customer site across the BT Digital Private Circuit Network to an agreed PoH at an appropriate Digital Cross Connect Site which is coincident with the nearest appropriate SDH BT Serving Node – typically a Tier 1 or Tier 1.5 ('Super cell') or Tier 2 BT Serving Node or any Tier 1 SDH BT Serving Node chosen by the PECN - for connection to the PECN's PoH.*

*The PoH can be located at a PECN's site and configured as a Customer Sited Handover (CSH), In Span Handover (ISH) or ISH extension.*

**Key Features & Availability**

**PECN's PoH**

*The Main Link will nominally cover the distance from the Third Party Customers BT Serving Exchange to the SDH Network BT Serving Node (Tier 1, Tier 1.5 or Tier 2) used for connection to the PECN.*

*The delivery, for each individual Partial Private Circuit at 64kbit/s to the PECN will be via a 2 Mbit/s Aggregate Interface presented across an STM-1 or STM-4 or STM-16 line transmission system at the PoH.*

*Further technical specification regarding the bearer and how the service will be presented at the PoH can be found within Supplier Information Notes (SIN) 254 'KiloStream Aggregate Interface Service Description'. SIN documents can be found at: - [www.sinet.bt.com](http://www.sinet.bt.com).*

*Note that PoH electronics are available to Other Communications Providers only*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Section B8*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Partial and Private Circuits 2mbs</i>
<b>Market:</b> <i>Traditional interface symmetric broadband origination (up to and including 8Mbit/s)</i>
<b>Market review:</b> <i>Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets</i>
<b>Service Offering:</b>  <b><u>Outline of Service</u></b>  <i>A Partial Private Circuit operating at 2Mbit/s is a wholesale circuit from a Third Party Customer Link to a Public Electronic Communications Networks' (PECN) Point of Handover (PoH).</i>  <i>The service will be from a Third Party customer site across the BT network to an agreed PoH served by the nearest appropriate SDH BT Serving Node typically a Tier 1 or Tier 1.5 ('Super cell') Tier 2 or Tier 3 BT Serving Node or any Tier 1 SDH BT Serving Node chosen by the PECN - for connection to the PECN's Point of Handover.</i>  <i>The PoH can be located at a PECN's site, and configured as a Customer Sited Handover (CSH), In Span Handover (ISH) or In Span Handover Extension (ISH Extn).</i>  <b><u>Key Features &amp; Availability</u></b>  <b><u>PECN's PoH</u></b> <i>The Main Link will nominally cover the distance from the Third Party Customers BT Serving Exchange to the SDH Network BT Serving Node (Tier 1, Tier 1.5, Tier 2 or Tier 3) used for connection to the PECN.</i>  <i>The delivery, for each individual Partial Private Circuit at 2Mbit/s to the PECN will be presented across an STM-1, STM-4 or STM-16 line transmission system at the PoH.</i>  <i>The chosen routing and protection for the 2Mbit circuit will be provided such that it meets the quality of service for the product.</i>  <i>Note that PoH electronics are available to Other Communications Providers only</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B8</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Symmetric Digital Subscriber Line (SDSL)</i>
<b>Market:</b> <i>Alternative interface symmetric broadband origination (all bandwidths)</i>
<b>Market review:</b> <i>Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets</i>
<b>Service Offering:</b> <ul style="list-style-type: none"><li>• <i>The BT IPstream Symmetric portfolio is an Internet Protocol (IP) connectivity product that offers semi-permanent virtual circuits between large numbers of End Users, distributed over national areas, and a BT Central . IP connections are delivered to End Users over a new Metallic Pair using Symmetric High bit rate Digital Subscriber Line (SHDSL) technology.</i></li><li>• <i>BT Datastream Symmetric Services are designed to provide an end to end ATM connectivity from a Customer's host site to a large number of End Users. The service consists of connectivity to the BT Network via a Customer Access Link or ATM Access Port and a number of virtual paths (VP) across the BT Network, with final delivery to the End Users over a new Metallic Pair using SHDSL transmission technology.</i></li></ul>
<b>Customer(s):</b> <i>Service Providers</i>
<b>Price list entry:</b> <i>Section 44 (Wholesale Service Provider Price List)</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Partial and Private Circuits 34/45mbs*

**Market:** *Traditional interface symmetric broadband origination (above 8Mbit/s up to and including 155Mbit/s)*

**Market review:** *Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets*

**Service Offering:**

**Outline of Service**

**34/45 Mbit service**

*A Partial Private Circuit operating at 34/45 is a wholesale circuit from a Third Party Customer to a Public Electronic Communications Networks' (PECN) Point of Handover (PoH).*

*The service will be from a Third Party customer site across the BT network to an agreed PoH served by the nearest appropriate SDH BT Serving Node – typically a Tier 1 or Tier 1.5 ('Super cell') Tier 2 or Tier 3 BT Serving Node or any Tier 1 SDH BT Serving Node chosen by the PECN - for connection to the PECN's PoH.*

*The PoH can be located at a PECN's site, and configured as a Customer Sited Handover (CSH), or alternatively it can be co-incident with the SDH BT Serving Node and configured as an In Span Handover (ISH) or In Span Handover Extension (ISH Extn).*

**Key Features & Availability**

**PECNs PoH**

*The Main Link will nominally cover the distance from the Third Party Customers BT Serving Exchange to the SDH Network BT Serving Node (Tier 1, Tier 1.5, Tier 2 or Tier 3) used for connection to the PECN.*

*The delivery, for each individual Partial Private Circuit at 34/45 to the PECN will be presented across an STM-1 or STM-4 or STM-16 line transmission system at the PoH. The chosen routing and protection for the high bandwidth circuit will be provided such that it meets the quality of service for the product.*

*Note that PoH electronics are available to Other Communications Providers only*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Section B8*

<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** *Partial and Private Circuits 140/155mbs*

**Market:** *Traditional interface symmetric broadband origination (above 8Mnit/s up to and including 155Mbit/s)*

**Market review:** *Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets*

**Service Offering:**

**Outline of Service**

**140/155 Mbit service**

*A Partial Private Circuit operating at 140/155 Mbit/s is a wholesale circuit from a Third Party Customer to a Public Electronic Communications Networks' (PECN) Point of Handover (PoH).*

*The service will be from a Third Party customer site across the BT network to an agreed PoH served by the nearest appropriate SDH BT Serving Node – typically a Tier 1 or Tier 1.5 ('Super cell') Tier 2 or Tier 3 BT Serving Node or any Tier 1 SDH BT Serving Node chosen by the PECN - for connection to the PECN's PoH.*

*The PoH can be located at a PECN's site, and configured as a Customer Sited Handover (CSH), or alternatively it can be co-incident with the SDH BT Serving Node and configured as an In Span Handover (ISH) or In Span Handover Extension (ISH Extn).*

**Key Features & Availability**

**PECNs PoH**

*The Main Link will nominally cover the distance from the Third Party Customers BT Serving Exchange to the SDH Network BT Serving Node (Tier 1, Tier 1.5, Tier 2 or Tier 3) used for connection to the PECN.*

*The delivery, for each individual Partial Private Circuit at 140/155Mbit/s to the PECN will be presented across an STM-1 or STM-4 or STM-16 line transmission system at the PoH.*

*The chosen routing and protection for the high bandwidth circuit will be provided such that it meets the quality of service for the product.*

*Note that PoH electronics are available to Other Communications Providers only*

**Customer(s):** *BT Retail and Other Communication Providers*

**Price list entry:** *Section B8*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Short Haul Data Services</i>
<b>Market:</b> <i>Alternative Interface Symmetric Broadband Origination (between 10Mbits and 10Gbits)</i>
<b>Market review:</b> <i>Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets</i>
<b>Service Offering:</b>  <b><u>Outline of Service</u></b>  <i>Ethernet services which provide point to point uncontended bandwidth from 10Mbits to 10Gbits up to a maximum radial distance of 25km.</i>  <b><u>LES (Local Area Network Extension Services)</u></b>  <i>Providing dedicated point to point services between third party LAN's.</i>  <b><u>WES (Wholesale Extension Services)</u></b>  <i>Providing dedicated point to point services between third parties and Other Communication Providers POP (point of presence).</i>  <b><u>BES (Backhaul Extension Services)</u></b>  <i>This service provides the LLU operator with a backhaul path from its co-located DSLAM back to its POP.</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section 12, Part 11</i> <a href="http://www.serviceview.bt.com/list/current/docs/maintoc.htm">http://www.serviceview.bt.com/list/current/docs/maintoc.htm</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale trunk segment services</i>
<b>Market:</b> <i>Wholesale trunk segments (including Kingston upon Hull)</i>
<b>Market review:</b> <i>Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets</i>
<b>Service Offering:</b>  <i>PPC Trunk services are not sold separately. The trunk element of a PPC circuit is derived from the circuit routing. A PPC service will only have a trunk component if the Point of Handover (PoH) and Local Serving Exchange (LSE) and the third party LSE are served by different Tier 1 nodes. The Trunk distance is calculated as a proportion of the Main link radial (distance between the 2 LSEs exchanges) and the distance between the LSEs and the Tier 1 nodes.</i>  <i>NB This only refers to PPC trunk services.</i>  <i>Costs include:</i>  <i>Costs included are maintenance and depreciation of BT's Trunk network. Trunk network is defined as SDH Tier 1, MSH platform and PDH line systems of 155m/bit and more. It also encompasses the cost of bearers which provide connectivity onto Tier 1 and the Marconi Synchronous Hierarchy (MSH) platform.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B8</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Point of Handover</i>
<b>Market:</b> <i>Technical areas (as necessary including fixed and per km variants)</i>
<b>Market review:</b> <i>Review of the retail leased lines, symmetric broadband origination and wholesale trunk segments markets</i>
<b>Service Offering:</b> <p>The Point of Handover (PoH) is a high bandwidth connection between the PECN's network and the serving SDH node in the BT network.</p> <p>The high-capacity PoH infrastructure is supplied as either In-Span Handover (ISH), In-Span Handover Extension (ISH Extn) or Customer Sited Handover (CSH). Multiple circuits can be handed over at a single PoH. When providing CSH, BT delivers services to the premises of its wholesale customers.</p> <p>When providing ISH, BT and the wholesale customer connect their networks at a notional mid-point. Circuits are available at the following bandwidths: 64Kbit/s; n x 64Kbit/s; 1Mbit/s; 2Mbit/s; 34Mbit/s; 45Mbit/s; 140Mbit/s and 155Mbit/s</p> <p><i>Also includes:</i></p> <p>The PoH infrastructure charge is based on the infrastructure build costs for either the ISH or CSH and includes a small annual rental charge. Specifically it includes maintenance and depreciation of Add Drop Muxes provided for PoH.</p>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B8.01</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale IDD to category B</i>
<b>Market:</b> <i>Wholesale IDD to category B</i>
<b>Market review:</b> <i>Review of International Wholesale Services</i>
<b>Service Offering:</b>  <i>Call duration for a call conveyed to an ISC (International Switching Centre) that originates from interconnect at either Tandem Exchange or at the ISC switch .</i>  <i>Includes call set – up (establishing a network end to end path) and call duration (holding the path open for the time the link is open) and can utilise the following elements; Tandem Switching, Tandem to Tandem Transmission Link &amp; Length.</i>  <i>Also includes :</i>  <i>a) Engineering and network support activity.</i> <i>b) Reactive and preventative maintenance including testing and fault handling.</i> <i>c) Sales, General &amp; Admin.</i>
<b>Customer(s):</b> <i>BT Retail and Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B1.04</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Asymmetric broadband origination in the UK excluding the Hull area - Rental*

**Market:** *Asymmetric broadband origination in the UK excluding the Hull area*

**Market review:** *Review of the wholesale broadband access market.*

**Service Offering:**

*Asymmetrical Digital Subscriber Line Rental for the access network.*

*Includes:*

- a) DSLAM (Digital Subscriber Line Access Multiplexer)*
- b) Maintenance of the Access Local Loop*
- c) Line test equipment*
- d) Rental and maintenance of the exchange frame*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 44*  
(<http://www.btwholesale.com/pricing>)

## BT Wholesale Catalogue

**Service:** *Asymmetric broadband origination in the UK excluding the Hull area - Connection*

**Market:** *Asymmetric broadband origination in the UK excluding the Hull area*

**Market review:** *Review of the wholesale broadband access market.*

**Service Offering:**

*Asymmetrical Digital Subscriber Line Connection for the access network. Enables Service Providers access to multiple End Users via Broadband enabled Local exchanges.*

*Datastream provides “downstream” End User service options of: 500kbits, 1Mb and 2Mb*

*Includes:*

- a) Jumpering*
- b) Customer Services Management*
- c) Developments*
- d) Overheads*
- e) Field Engineering costs – e.g. “DeDac”*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 44*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Broadband conveyance in the UK</i>
<b>Market:</b> <i>Broadband conveyance in the UK</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  <i>Broadband conveyance in the UK (Datastream). Provides connectivity from the DSLAM in the Local Exchange to a Datastream Point Of Presence (POP) in BT's high speed data network.</i>  <i>Includes:</i> <ul style="list-style-type: none"><li><i>a) Backhaul – STM 1 ~ STM 16</i></li><li><i>b) Virtual Paths – ATM switches and associated transmission of data.</i></li><li><i>c) Customer Access Link / In Span Handover</i></li></ul>
<b>Customer(s):</b> <i>BT Retail</i>
<b>Price list entry:</b> <i>Section 44</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

**Service:** *Wholesale residential ISDN2 internal service connections*

**Market:** *Wholesale residential ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Connection of ISDN2 Residential exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Sales, General & Administration*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 26*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale residential ISDN2 internal service rentals*

**Market:** *Wholesale residential ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of ISDN2 Residential exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*
- e) Usage of capital equipment required to make the physical connection from the customers premises to the local exchange concentrator (NTE, dropwire, D-side and E-side cabling, main distribution frame and line card)*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 26*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale residential external service rentals*

**Market:** *Wholesale residential ISDN2 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of ISDN2 Residential exchange line(s) within defined service parameters. ISDN2 is a digital service that transforms the existing phone line by splitting its capacity into 2 channels allowing dual access.*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*

**Customer(s):** *Service Providers*

**Price list entry:** *Section 36 Part 4 (Wholesale Service Provider Price List)*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN30 internal service connections*

**Market:** *Wholesale business ISDN30 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Connection of ISDN30 digital exchange line(s) within defined service parameters. ISDN30 is a digital service that transforms the existing phone line by splitting its capacity channels allowing multiple access.*

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Specific Sales, General & Administration*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 24*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN30 internal service rentals*

**Market:** *Wholesale business ISDN30 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Maintenance of ISDN30 digital exchange line(s) within defined service parameters. ISDN30 is a digital service that transforms the existing phone line by splitting its capacity channels allowing multiple access.*

*Includes:*

- a) Engineering and network support activity*
- b) Reactive & preventative maintenance including line testing & fault handling*
- c) Specific Sales, General & Administration*

**Customer(s):** *BT Retail*

**Price list entry:** *Section 1, Part 24*

<http://www.serviceview.bt.com/list/current/docs/maintoc.htm>

## BT Wholesale Catalogue

**Service:** Wholesale business ISDN30 external service connections

**Market:** Wholesale business ISDN30 exchange line services

**Market review:** Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.

**Service Offering:**

Connection of ISDN30 digital exchange line(s) within defined service parameters. ISDN30 is a digital service that transforms the existing phone line by splitting it's capacity channels allowing multiple access

*Includes:*

- a) All direct engineering activity and commissioning to complete connection to the customer premises from the Local Exchange concentrator
- b) Engineering and network support activity
- c) Order handling and progression
- d) Sales, General & Administration

**Customer(s):** Service Providers

**Price list entry:** Section 36 Part 5 (Wholesale Service Provider Price List)  
(<http://www.btwholesale.com/pricing>)

## BT Wholesale Catalogue

**Service:** *Wholesale business ISDN30 external service rentals*

**Market:** *Wholesale business ISDN30 exchange line services*

**Market review:** *Fixed Narrowband wholesale exchange line, call origination, conveyance & transit.*

**Service Offering:**

*Rental, repair and maintenance of ISDN30 digital exchange line(s) within defined service parameters. ISDN30 is a digital service that transforms the existing phone line by splitting it's capacity channels allowing multiple access*

*Includes:*

- a) All direct engineering activity to complete maintenance to the customer premises from the Local Exchange concentrator*
- b) Engineering and network support activity*
- c) Reactive & preventative maintenance including line testing & fault handling*
- d) Sales, General & Administration*

**Customer(s):** *Service Providers*

**Price list entry:** *Section 36 Part 5 (Wholesale Service Provider Price List)*  
<http://www.btwholesale.com/pricing>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale business ISDN30 internal service takeovers</i>
<b>Market:</b> <i>Wholesale business ISDN30 exchange line services</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Takeover of previously stopped exchange lines.</i>  <i>Includes:</i>  <i>a) Instances of where SP's request a new provision but BT can start a stopped line</i>
<b>Customer(s):</b> <i>BT Retail</i>
<b>Price list entry:</b> <i>Section 1, Part 24</i> <a href="http://www.serviceview.bt.com/list/current/docs/maintoc.htm">http://www.serviceview.bt.com/list/current/docs/maintoc.htm</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>Wholesale business ISDN30 external service transfers</i>
<b>Market:</b> <i>Wholesale business ISDN30 exchange line services</i>
<b>Market review:</b> <i>Fixed Narrowband wholesale exchange line, call origination, conveyance &amp; transit.</i>
<b>Service Offering:</b>  <i>Transfer between Service Providers of an ISDN30 business exchange line(s) within defined service parameters. ISDN30 is a digital service that transforms the existing phone line by splitting it's capacity channels allowing multiple access.</i>  <i>Includes:</i>  <ul style="list-style-type: none"><li><i>a) All direct engineering activity to complete transfer of the line(s) from SP to SP</i></li><li><i>b) Engineering and network support activity</i></li><li><i>c) Sales, General &amp; Administration</i></li></ul>
<b>Customer(s):</b> <i>Service Providers</i>
<b>Price list entry:</b> <i>Section 36 Part 5 (Wholesale Service Provider Price List)</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>SMPF/MPF Set Up</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  <i>To provide floor space for LLU operators to set up their equipment.</i>  <i>Includes:</i> <ul style="list-style-type: none"><li>• <i>Contractor's cost for room clearance.</i></li></ul>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a>

## BT Wholesale Catalogue

<b>Service:</b> <i>MPF Connections</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  Provision of two wire point to point metallic transmission path extending from Network terminating point at the End User premises to the Line side of the MDF.
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )

## BT Wholesale Catalogue

<b>Service:</b> <i>MPF Rentals</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  On going use maintenance of two wire point to point metallic transmission path extending from Network terminating point at the End User premises to the Line side of the MDF.
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )

## BT Wholesale Catalogue

<b>Service:</b> <i>MPF Room Build</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  Building of co-mingling bays to enable LLU operators to install their equipment.  Includes: <ul style="list-style-type: none"><li>• Erection of iron work.</li><li>• Provision of power and cooling</li><li>• Lighting</li><li>• Rack space</li><li>• Cable runway</li></ul>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )

## BT Wholesale Catalogue

<b>Service:</b> <i>MPF Hostel Rentals</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  Charges for service and maintenance Co-mingling.
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )

## BT Wholesale Catalogue

<b>Service:</b> <i>MPF Tie Cables</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  Internal tie cables provide connectivity from the Handover distribution frame (HDF) located in the LLU operator equipment space to the Main Distribution Frame (MDF).
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )

## BT Wholesale Catalogue

<b>Service:</b> <i>SMPF Connections</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b>  <i>Provision of access to non voice frequency spectrum of a metallic path over which analogue telephone service is then provided to the end user by BT allowing an operator to deploy technology such as ADSL over the same metallic pair.</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )

## BT Wholesale Catalogue

<b>Service:</b> <i>SMPF Rentals</i>
<b>Market:</b> <i>Wholesale local access in UK (excluding Kingston Upon Hull)</i>
<b>Market review:</b> <i>Review of the wholesale broadband access market.</i>
<b>Service Offering:</b> <i>Maintenance of access to non voice frequency spectrum of a metallic path over which analogue telephone service is then provided to the end user by BT allowing an operator to deploy technology such as ADSL over the same metallic pair.</i>
<b>Customer(s):</b> <i>Other Communication Providers</i>
<b>Price list entry:</b> <i>Section B6.03</i> ( <a href="http://www.btwholesale.com/pricing">http://www.btwholesale.com/pricing</a> )