

**UNIFIED CARRIER LICENSE
TELECOMMUNICATIONS ORDINANCE (Chapter 106)**

**PCCW-HKT Telephone Limited (“PCCW-HKTC”) and
Hong Kong Telecommunications (HKT) Limited (“HKT”)**

Name of Tariff:

Flexible Bandwidth Service

Description of Tariff:

See Annex for details.

Effective date of tariff:

17 October 2016

Revision history:

Revision to the tariff No.: U0025-007-Mar2016-R published on 18 March 2016.

Flexible Bandwidth Service

Flexible Bandwidth Service family

The Flexible Bandwidth Service family includes three categories of services:

- Flexible Bandwidth Service
- Flexible Bandwidth Service GE Flex
- Flexible Bandwidth Service T1/E1/T3 and STM-1/4/16/64.

It is a basic bandwidth building block for advanced networking applications with different upgrade options open to customers.

1. Flexible Bandwidth Service (“FBS”)

1.1 The Service

The FBS service is a point-to-point or point-to-multipoint transmission service based on the FBS service platform.

1.2 Terms and Conditions

Subject to the Hong Kong Telecommunications (HKT) Ltd. (“HKT”) General Conditions of Service and relevant Special Conditions in this document as published and amended from time to time. Minimum contract period for each Service is 12 months. Early termination charge shall apply, calculated by the remaining contract period multiplied by the monthly charge(s), if the Service is terminated before the end of the contract period.

Provision of the Service is subject to the availability of HKT network resources.

Other terms and conditions as agreed with customers.

1.3 Charges

1.3.1 One-off Charges per End

Charges per End (HK\$)	Point-to-Multipoint Service					
	Server End			Client End		
Bandwidth (Mbps)	1 - 100	201 - 500	501 – 1,000	1 - 10	11 - 100	Above 100
Installation	15,000	80,000	80,000	5,000	25,000	50,000
Internal Relocation	15,500	15,000	15,000	2,500	9,500	15,000
External Relocation	15,000	80,000	80,000	5,000	25,000	50,000
Reconfiguration	5,000	5,000	5,000	5,000	5,000	8,000

Charges per End (HK\$)	Point-to-Point Service			
Bandwidth (Mbps)	1 - 10	11 - 100	101 – 1,000	Above 1,000
Installation	5,000	25,000	50,000	150,000
Internal Relocation	2,500	9,500	15,000	80,000
External Relocation	5,000	25,000	50,000	150,000
Reconfiguration	5,000	5,000	5,000	8,000

1.3.2 Monthly Recurrent Charges

Point-to-Multipoint Service	Charges per End (HK\$)
Server End :	
1 – 50 Mbps	15,000
51 – 100 Mbps	25,000
101 – 500 Mbps	39,000
501 – 1,000 Mbps	51,000
Client End :	
1 Mbps	3,600
2 Mbps	4,200
3 Mbps	4,800
4 Mbps	5,400

Point-to-Multipoint Service	Charges per End (HK\$)
5 Mbps	6,000
6 Mbps	6,600
7 Mbps	7,200
8 Mbps	7,800
9 Mbps	8,400
10 Mbps	9,000
15 Mbps	10,500
20 Mbps	11,000
25 Mbps	11,500
30 Mbps	12,000
35 Mbps	12,500
40 Mbps	13,000
45 Mbps	13,500
50 Mbps	14,000
60 Mbps	15,000
70 Mbps	16,000
80 Mbps	17,000
90 Mbps	18,000
100 Mbps	32,000
200 Mbps	34,000
300 Mbps	36,000

Point-to-Point Service	Charges per End (HK\$)
1 Mbps	3,600
2 Mbps	4,200
3 Mbps	4,800
4 Mbps	5,400
5 Mbps	6,000
6 Mbps	6,600
7 Mbps	7,200
8 Mbps	7,800
9 Mbps	8,400
10 Mbps	9,000
15 Mbps	10,500
20 Mbps	11,000
25 Mbps	11,500
30 Mbps	12,000
35 Mbps	12,500
40 Mbps	13,000
45 Mbps	13,500

Point-to-Point Service	Charges per End (HK\$)
50 Mbps	14,000
60 Mbps	15,000
70 Mbps	16,000
80 Mbps	17,000
90 Mbps	18,000
100 Mbps	32,000
1000 Mbps	50,000
10 Gbps	450,000

1.3.3 Diversity Option

Fibre diversity option is available subject to the following additional charges :

Charges per End (HK\$)	Additional Monthly Recurrent Charges	Additional One-off Installation Charges
Server End :		
1 – 50 Mbps	7,400	3,150
51 – 100 Mbps	7,400	3,150
101 – 500 Mbps	15,500	6,300
501 – 1,000 Mbps	15,500	6,300
Client End :		
1 – 10 Mbps	5,000	3,150
11 Mbps & above	10,000	6,300
Point to Point :		
1 – 10 Mbps	5,000	3,150
11 – 1000 Mbps	10,000	6,300
Above 1000Mbps	30,000	12,500

1.3.4 Additional Charge for Fibre Distance exceeding 15km – extra port charge

For the fibre distance between the customer premise and the designated network nodes of the Flexible Bandwidth Service exceeding 15km, an extra port charge per month per every additional 10km will be applied as follows:

Extra Port Charge	Monthly Charges per port (HK\$)
Every additional 10km	9,000

1.3.5 Upgrade Charges

Upgrade Charges per respective bandwidth of each server or client end are the same as their respective One-off Installation Charge as listed under paragraph 1.3.1.

2. Flexible Bandwidth Service GE Flex

2.1 The Service

The Flexible Bandwidth Service GE Flex (“**FBS GE Flex**”) is a pure scalable bandwidth point-to-point transmission service based on the FBS service platform.

2.2 Terms and Conditions

Subject to the Hong Kong Telecommunications (HKT) Ltd. (“HKT”) General Conditions of Service and relevant Special Conditions in this document as published and amended from time to time.

Minimum contract period for each Service is 12 months. Early termination charge shall apply, calculated by the remaining contract period multiplied by the monthly charge(s), if the Service is terminated before the end of the minimum contract period.

Provision of the Service is subject to the availability of HKT network resources.

Each FBS GE Flex supports a minimum of 100Mbps up to a maximum of 1,000Mbps bandwidth, scalable in step of 100Mbps.

Other terms and conditions as agreed with customers.

2.3 Charges

2.3.1 One-off Charges per End

Service	Charges per End (HK\$)
Installation	150,000
Internal Relocation	80,000
External Relocation	150,000
Reconfiguration	9,000

2.3.2 Monthly Recurrent Charges

Service	Charges per End (HK\$)
100 Mbps	32,000
200 Mbps	34,000
300 Mbps	36,000
400 Mbps	38,000
500 Mbps	40,000
600 Mbps	42,000
700 Mbps	44,000
800 Mbps	46,000
900 Mbps	48,000
1,000 Mbps	50,000

2.3.3 Diversity Option

Fibre diversity option is available subject to the following additional charges :

Diversity Option	Charges per End (HK\$)
Additional One-off Installation Charge	20,000
Additional Monthly Recurrent Charge	15,500

2.3.4 Additional Charge for Fibre Distance exceeding 15km – extra port charge

For the fibre distance between the customer premises exceeding 30km, an extra length charge per month per every additional 10km will be applied as follows:

Extra Port Charge	Monthly Charges per port (HK\$)
Every additional 10km	9,000

3. Flexible Bandwidth Service T1/E1/T3 and STM-1/4/16/64

3.1 The Service

The Flexible Bandwidth Service T1/E1/T3 and STM-1/4/16/64 (“**FBS T1/E1/T3 and STM-1/4/16/64**”) is a FBS service category with Channelised and Point-to-Point configuration. The Flexible Bandwidth Service Channelised T1/E1/T3 and STM-1/4/16/64 (“**FBS Channelised T1/E1/T3 and STM-1/4/16/64**”) is a pure scalable bandwidth point-to-multipoint transmission service based on the FBS service platform. The Flexible Bandwidth Service Point-to-Point T1/E1/T3 and STM-1/4/16/64 (“**FBS Point-to-Point T1/E1/T3 and STM-1/4/16/64**”) is a pure bandwidth point-to-point transmission service based on the FBS service platform.

3.2 Terms and Conditions

Subject to the Hong Kong Telecommunications (HKT) Ltd. (“HKT”) General Conditions of Service and relevant Special Conditions in this document as published and amended from time to time.

Minimum contract period for each Service is 12 months. Early termination charge shall apply, calculated by the remaining contract period multiplied by the monthly charge(s), if the Service is terminated before the end of the minimum contract period.

Provision of the Service is subject to the availability of HKT network resources.

Each FBS Channelised T1/E1/T3 and STM-1/4/16/64 head-end supports T1, E1, T3, STM-1, STM-4, STM-16, or STM-64 respectively. The tail-ends of FBS Channelised T1 support sub-rates below 1,544Kbps, FBS Channelised E1 support sub-rates below 2,048Kbps, FBS Channelised T3 support T1 or E1, FBS Channelised STM-1 support T1, E1 and T3. For FBS Channelised STM-4, the tail-ends support T3 and STM-1 while T3, STM-1 and STM-4 can be supported as the tail-ends of FBS Channelised STM-16. Higher order bandwidth, T3, STM-1, STM-4, STM-16 can be supported as tail-ends of channelized STM-64.

Other terms and conditions as agreed with customers.

Each FBS Point-to-Point T1/E1/T3 and STM-1/4/16/64 service supports point-to-point connection between two same types of tail ends (e.g. FBS Point-to-Point STM-1 is a point-to-point connection between two STM-1 tail ends).

3.3 Flexible Bandwidth Service Channelised T1/E1/T3 and STM-1/4/16/64

3.3.1 One-off Charges per Head-End

Services	Charges (HK\$) per Head-End of FBS Channelised T1/E1/T3 and STM-1/4/16/64						
	T1	E1	T3	STM-1	STM-4	STM-16	STM-64
Installation	6,200	6,200	41,000	82,000	131,400	262,800	262,800
Internal Relocation	2,195	2,195	20,500	40,900	40,900	160,400	160,400
External Relocation	6,200	6,200	40,900	82,000	131,400	262,800	262,800
Reconfiguration	5,000	5,000	8,000	8,000	8,000	8,000	8,000

3.3.2 One-off Charges per Tail-End

Service	Charges (HK\$) per Tail-End of FBS Channelised T1/E1/T3 and STM-1/4/16/64					
	Subrate (<2048Kbps)	T1 / E1	T3	STM-1	STM-4	STM-16
Installation	12,000	12,000	37,000	66,000	86,000	262,800
Internal Relocation	8,000	8,000	30,000	30,000	30,000	160,400
External Relocation	12,000	12,000	37,000	66,000	86,000	262,800
Reconfiguration	5,000	5,000	8,000	8,000	8,000	8,000

3.3.3 Monthly Recurrent Charges – Head-Ends

Service	Charges per Head-End (HK\$)
T1 / E1	23,400
T3	30,000
STM-1	80,000
STM-4	150,000
STM-16	300,000
STM-64	450,000

3.3.4 Monthly Recurrent Charges – Tail-Ends

Service	Charges per Tail-End (HK\$)
Sub-rate (<2048bps)	4,662
T1 / E1	23,400
T3	80,000
STM-1	150,000
STM-4	300,000
STM-16	380,000

3.4 Flexible Bandwidth Service Point-to-Point T1/E1/T3 and STM-1/4/16/64

3.4.1 One-off Charges per End

Services	Charges (HK\$) per End of FBS Point-to-Point T1/E1/T3 and STM-1/4/16/64					
	T1/E1	T3	STM-1	STM-4	STM-16	STM-64
Installation	12,000	37,000	66,000	86,000	262,800	262,800
Internal Relocation	8,000	30,000	30,000	30,000	160,400	160,400
External Relocation	12,000	37,000	66,000	86,000	262,800	262,800
Reconfiguration	5,000	8,000	8,000	8,000	8,000	8,000

3.4.2 Monthly Recurrent Charges – per End

Service	Charges per End (HK\$)
T1/E1	23,400
T3	80,000
STM-1	150,000
STM-4	300,000
STM-16	380,000
STM-64	450,000