

Effective Date: 23 June 2017

Name of Service: Dark Fibre, DigiNet, MetroEthernet Meg@POP and Gigawave. *For additional details, refer to www.singtel.com*

Description: Customised Dark Fibre, DigiNet, MetroEthernet, Meg@POP and Gigawave Service Scheme (**Customised Scheme**)

Prices (including discounts):

a. DigiLink (Standard)

Bandwidth (Mbps)	Proposed	
	Monthly Recurring Charge (MRC)	One-Time Charge (OTC)
2M	\$471 (all zones)	\$1,000
155M	\$4,418 (all zones)	\$2,000

b. DigiLink (Temporary)

Bandwidth (Mbps)	Proposed	
	MRC	OTC
2M	\$707 (all zones)	\$1,000
155M	\$6,627 (all zones)	\$2,000

c. MetroEthernet Point-to-Point (Standard)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
300M	\$2,117	\$1,000
400M	\$2,209	\$1,000
500M	\$2,306	\$1,000
600M	\$2,403	\$1,000
700M	\$2,563	\$1,000
800M	\$2,723	\$1,000
900M	\$2,853	\$1,000

1000M	\$2,945	\$1,000
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d. MetroEthernet Point-to-Point with Exchange Diversity (Standard)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
300M	\$2,328	\$1,000
400M	\$2,430	\$1,000
500M	\$2,537	\$1,000
600M	\$2,643	\$1,000
700M	\$2,819	\$1,000
800M	\$2,995	\$1,000
900M	\$3,138	\$1,000
1000M	\$3,240	\$1,000

e. MetroEthernet Point-to-Point with Path Diversity (Standard)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
300M	\$2,751	\$1,000
400M	\$2,872	\$1,000
500M	\$2,998	\$1,000
600M	\$3,124	\$1,000
700M	\$3,332	\$1,000
800M	\$3,539	\$1,000
900M	\$3,708	\$1,000
1000M	\$3,829	\$1,000

f. MetroEthernet Point-to-Point (Temporary)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
300M	\$3,175	\$1,000
400M	\$3,314	\$1,000
500M	\$3,459	\$1,000
600M	\$3,604	\$1,000

700M	\$3,844	\$1,000
800M	\$4,084	\$1,000
900M	\$4,279	\$1,000
1000M	\$4,418	\$1,000

g. MetroEthernet Point-to-Point with Exchange Diversity (Temporary)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
300M	\$3,492	\$1,000
400M	\$3,645	\$1,000
500M	\$3,805	\$1,000
600M	\$3,965	\$1,000
700M	\$4,229	\$1,000
800M	\$4,492	\$1,000
900M	\$4,707	\$1,000
1000M	\$4,860	\$1,000

h. MetroEthernet Point-to-Multipoint (Standard) (with effect from 16 August 2019)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
100M	\$1140	\$1,000
200M	\$1269	\$1,000
300M	\$1429	\$1,000
400M	\$1491	\$1,000
500M	\$1557	\$1,000
600M	\$1622	\$1,000
700M	\$1730	\$1,000
800M	\$1838	\$1,000
900M	\$1925	\$1,000
1000M	\$1988	\$1,000
10000M	\$7586	\$1,000

i. MetroEthernet Point-to-Multipoint with Exchange Diversity (Standard) (with effect from 16 August 2019)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
100M	\$1254	\$1,000
200M	\$1396	\$1,000
300M	\$1572	\$1,000
400M	\$1640	\$1,000
500M	\$1713	\$1,000
600M	\$1784	\$1,000
700M	\$1903	\$1,000
800M	\$2022	\$1,000
900M	\$2118	\$1,000
1000M	\$2187	\$1,000
10000M	\$8534	\$1,000

- j. MetroEthernet Point-to-Multipoint with Path Diversity (Standard) (with effect from 16 August 2019)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
100M	\$1482	\$1,000
200M	\$1650	\$1,000
300M	\$1857	\$1,000
400M	\$1938	\$1,000
500M	\$2024	\$1,000
600M	\$2108	\$1,000
700M	\$2249	\$1,000
800M	\$2390	\$1,000
900M	\$2503	\$1,000
1000M	\$2585	\$1,000
10000M	\$10085	\$1,000

- k. MetroEthernet Point-to-Multipoint (Temporary)

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)

100M	\$1,836	\$1,000
200M	\$2,030	\$1,000
300M	\$2,286	\$1,000
400M	\$2,386	\$1,000
500M	\$2,491	\$1,000
600M	\$2,595	\$1,000
700M	\$2,768	\$1,000
800M	\$2,941	\$1,000
900M	\$3,081	\$1,000
1000M	\$3,182	\$1,000
10000M	\$11,637	\$1,000

- l. MetroEthernet Point-to-Multipoint with Exchange Diversity (Temporary) **(with effect from 16 August 2019)**

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
100M	\$2020	\$1,000
200M	\$2233	\$1,000
300M	\$2515	\$1,000
400M	\$2625	\$1,000
500M	\$2740	\$1,000
600M	\$2855	\$1,000
700M	\$3045	\$1,000
800M	\$3235	\$1,000
900M	\$3389	\$1,000
1000M	\$3500	\$1,000
10000M	\$12801	\$1,000

- m. Meg@POP IPVPN EthernetLink (Standard) **(with effect from 16 August 2019)**

Bandwidth (Mbps)	Proposed	
	MRC	OTC (per site)
1G	\$1820	\$1000
2G	\$1989	\$1000
3G	\$2520	\$1000
4G	\$2700	\$1000
5G	\$2880	\$1000

10G	\$4320	\$1000
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- n. **(with effect from 16 August 2019)** Meg@POP IPVPN EthernetLink with Exchange Diversity (Standard)

Bandwidth	MRC	OTC (per site)
1G	\$2002	\$1000
2G	\$2188	\$1000
3G	\$2772	\$1000
4G	\$2970	\$1000
5G	\$3168	\$1000
10G	\$4752	\$1000

- o. **(with effect from 16 August 2019)** Meg@POP IPVPN EthernetLink with Path Diversity

Bandwidth	MRC	OTC (per site)
1G	\$2275	\$1000
2G	\$2486	\$1,000
3G	\$3150	\$1,000
4G	\$3375	\$1,000
5G	\$3600	\$1,000
10G	\$5400	\$1,000

- p. **(with effect from 16 August 2019)** Meg@POP IPVPN EthernetLink –Temporary Service (15 Days)

Bandwidth	MRC	OTC (per site)
1G	\$1820	\$1000
2G	\$1989	\$1,000
3G	\$2520	\$1,000
4G	\$2700	\$1,000
5G	\$2880	\$1,000
10G	\$4320	\$1,000

- q. Gigawave

Service	Bandwidth (Gbps)	Optical Interface	Proposed
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			MRC	OTC (per site)
Gigawave	1.0625	FICON	\$2,465	\$1,000
		Fibre Channel		
	1.25	Gigabit Ethernet	\$2,465	\$1,000
	2	Fibre Channel	\$3,400	\$1,000
	2.5	STM-16	\$4,040	\$1,000
	4	Fibre Channel	\$4,515	\$1,000
	10	STM-64	\$5,705	\$1,000
		Fibre Channel		
10 Gigabit Ethernet				
100	100 Gigabit Ethernet	\$28,000	\$1,000	
Gigawave with Exchange Diversity	1.0625	FICON	\$2,710	\$1,000
		Fibre Channel		
	1.25	Gigabit Ethernet	\$2,710	\$1,000
	2	Fibre Channel	\$3,740	\$1,000
	2.5	STM-16	\$4,445	\$1,000
	4	Fibre Channel	\$4,965	\$1,000
	10	STM-64	\$6,275	\$1,000
		Fibre Channel		
10 Gigabit Ethernet				
100	100 Gigabit Ethernet	\$30,800	\$1,000	
Enhanced Gigawave	1.0625	FICON	\$3,250	\$1,000
		Fibre Channel		
	1.25	Gigabit Ethernet	\$3,250	\$1,000
	2	Fibre Channel	\$4,480	\$1,000
	2.5	STM-16	\$5,325	\$1,000
	4	Fibre Channel	\$5,950	\$1,000
	10	STM-64	\$7,520	\$1,000
		Fibre Channel		
10 Gigabit Ethernet				
100	100 Gigabit Ethernet	\$36,905	\$1,000	
Enhanced Gigawave with Path Diversity	1.0625	FICON	\$4,225	\$1,000
		Fibre Channel		
	1.25	Gigabit Ethernet	\$4,225	\$1,000
	2	Fibre Channel	\$5,825	\$1,000
	2.5	STM-16	\$6,925	\$1,000
	4	Fibre Channel	\$7,735	\$1,000
	10	STM-64	\$9,775	\$1,000
		Fibre Channel		
10 Gigabit Ethernet				
100	100 Gigabit Ethernet	\$47,975	\$1,000	

r. Dark Fibre

Service	Proposed
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	MRC (per pair)	OTC (per pair)
Dark Fibre (Standard)	\$4,500	\$6,000
Dark Fibre (Single End Exchange Diversity)	\$4,950	\$6,000
Dark Fibre (Both Ends Exchange Diversity)	\$5,400	\$6,000
Dark Fibre (Path Diversity)	\$5,850	\$6,000

The customised tariffs will be applicable to all new and renewed circuits subscribed under the Customised Scheme.

For MetroEthernet Point-to-Multipoint, the customer may request to activate a new head end only when the capacity of each of the existing head end is at least 70% utilised.

Revenue Commitment

1. The customer is required to commit to a minimum annual spend of \$35M on Dark Fibre, DigiNet, MetroEthernet, Meg@POP and Gigawave services.
2. For the avoidance of doubt, spending on Dark Fibre, DigiNet, MetroEthernet, Meg@POP and/or Gigawave services (including value added services) subscribed outside of the Customised Scheme will be counted towards the minimum revenue commitment.
3. In the event that the customer fails to meet the minimum revenue commitment, the customer shall pay Singtel the shortfall.

Terms and Conditions

1. The contract term of the Customised Scheme is three (3) years.
2. The contract term of services subscribed under the Customised Scheme is as follows:
 - a. Dark Fibre services: contract term of services is three (3) years;
 - b. Temporary services: contract term of services is one (1) month;
 - c. All other services: minimum contract term of one (1) year.
3. Circuits subscribed under the Customised Scheme will continue at the customised prices after expiry of the circuit contract term.
4. The services offered under the Customised Scheme are subject to resource availability.
5. The customer shall not resell the services “as is” or as a full or sub-bandwidth standalone DigiNet, MetroEthernet, Meg@POP, Gigawave or Dark Fibre product but may use the services as part of its own network to offer its own services.
6. The customer shall be responsible for obtaining all authorisation(s) necessary for Singtel to access the customer’s POP.

7. Circuits subscribed under the Customised Scheme will continue at customised prices after the expiry of the circuit contract term. **(with effect from 16 August 2019)**
8. All other standard prices, terms and conditions of the Singtel Dark Fibre, DigiNet, MetroEthernet, Meg@POP and Gigawave services shall apply.

Suspension and Termination Provisions:

1. In the event that the customer terminates a circuit subscribed under the Customised Scheme prior to the end of the contract term, the customer shall be liable for the prevailing premature termination charges (PTC).
2. For Dark Fibre services, any request for relocation of any service shall be deemed to be a request for the termination of the service and a request for the supply of a new service at the requested location in which case PTC shall apply.
3. PTC may be waived if termination of the service is due to demolition of the building the service(s) is housed in. The customer shall produce a letter from the building management evidencing the same in order to obtain a waiver of the PTC. For the avoidance of doubt, in the event that the customer wishes to relocate the affected service(s) to a new location, the one-time installation charge will apply. Such relocated circuits need not be renewed on a new contract term.

refer to www.singtel.com

Eligibility:

The customised will be offered to all similarly-situated customers who satisfy the following criteria:

- is a duly licensed Facilities-Based Operator;
- currently has or is willing to commit to a minimum annual spend of \$35M on Dark Fibre, DigiNet, MetroEthernet, Meg@POP and Gigawave services;
- uses the services subscribed under the Customised Scheme for connecting to its own mobile base station(s), wireless base station(s) and/or its operations centre; and
- accepts the terms and conditions of the Customised Scheme in its entirety.