



Enterprise Business Tariff Booklet

Calcutta Telecom District

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Annual tariff for High Speed Data Circuit below 2 Mbps

The Tariff ceilings as given below are applicable with effect from 1st May 2005 retrospectively but not applicable to those cases taken under Rent & Guarantee terms, Special Construction or Contribution basis.

Distance (in kms)	Tariff for 64 kbps Circuits (Rs.) (Classical)	Tariff for 64 kbps Circuits (Rs.) (MLLN)
5	10207	17811
10	10533	18137
15	10859	18463
20	11185	18789
25	11511	19116
30	11837	19442
35	12163	19768
40	12489	20094
45	12815	20420
50	13214	20819
55	13540	21145
60	13866	21471
65	14192	21797
70	14519	22123
75	14845	22449
80	15171	22775
85	15497	23101
90	15823	23428
95	16149	23754
100	16548	24152
105	16874	24478
110	17200	24804
115	17526	25131
120	17852	25457
125	18178	25783
130	18504	26109
135	18831	26435
140	19157	26761
145	19483	27087

150	19881	27486
155	20208	27812
160	20534	28138
165	20860	28464
170	21186	28790
175	21512	29117
180	21838	29443
185	22164	29769
190	22490	30095
195	22817	30421
200	23215	30820
205	23541	31146
210	23867	31472
215	24193	31798
220	24520	32124
225	24846	32450
230	25172	32776
235	25498	33102
240	25824	33429
245	26150	33755
250	26549	34153
255	26875	34479
260	27201	34807
265	27527	35132
270	27853	35458
275	28179	35784
280	28505	36110
285	28832	36436
290	29158	36762
295	29484	37088
300	29882	37487
305	30209	37813
310	30535	38139
315	30861	38465
320	31187	38791
325	31513	39118
330	31839	39444
335	32165	39770
340	32491	40096

345	32818	40422
350	33216	40821
355	33542	41147
360	33868	41473
365	34194	41797
370	34521	42125
375	34847	42451
380	35173	42777
385	35499	43103
390	35825	43430
395	36151	43756
400	36550	44154
405	36876	44480
410	37202	44807
415	37528	45133
420	37854	45459
425	38180	45785
430	38507	46111
435	38833	46437
440	39159	46763
445	39485	47089
450	39883	47488
455	40210	47814
460	40536	48140
465	40862	48466
470	41188	48792
475	41514	49119
480	41840	49445
485	42166	49771
490	42492	50097
495	42819	50423
500	43217	50822
➤ 500	44000	51000

Note-1 The distance referred to the above is the “Chargeable Distance” i.e. equal to 1.25 times of the radial distance between the points connected.

Note-2 The tariff of 64 kbps Classical and 64 kbps MLLN is based on the ceiling prescribed by TRAI.

Note-3 The above tariff is specified in distance slabs of 5 kms. The calculation of tariff for intermediate distances (lying in between the distance slabs) will be made on pro rata basis. For this, difference in tariff of the lower and upper distance slabs rates will be taken and divided by 5kms to arrive at per km rate. The distance will be rounded off to the next km. This is explained below with the help of an example-

The Illustration of 7 km distance of 64 kbps – MLLN Leased Line is given below:

i) Charges of 5 km = Rs. 17811/-

ii) Charges of 10 km = Rs. 18137/-

iii) Difference (ii) – (i) = Rs. 326/-

iv) Per km rate (iii)/5 = Rs. 65/-

v) Rate for 7 km [(i) + 2 km x (iv)] = Rs.17811+[2xRs 65] = Rs. 17941/-

2. Co-efficient for circuits above 64 kbps and below 2 mbps

The tariff for capacity ranging from 128 kbps to 1 mbps shall be determined by multiplying the tariff of leased circuit of 64 kbps, by the coefficient specified below, subject to the maximum of respective distance slabs of 2 mbps rates:

Capacity - Coefficients

128 Kbps - 1.8

192 kbps - 2.5

256 kbps - 3.1

320 kbps - 3.6

384 kbps - 4.0

512Kbps - 4.8

768 Kbps - 6.4

960 Kbps - 7.6

1 Mbps - 8.6

3. TARIFF FOR LOCAL LEAD (OR END LINKS) OR LOCAL CIRCUITS

The charges for the Local Lead & Local Circuits in case of Classical and MLLN are as under: -

(a) Classical Local Lead and Local circuits up to 64 kbps and MLLN based Local Lead up to 64 kbps– Charges for 64 kbps shall be at the **classical rates as specified in para 1(A)** of circular except charges for local lead and local circuits of less than 5 kms are as under: -

Note: In MLLN based local lead the NTU rental/charges are required to be added in the above charges applicable for Classical Circuits.

S.No. Distance Amount

- 1 1 kms Rs.4500
- 2 2 kms Rs.6500
- 3 3 kms Rs.8500
- 4 4 kms Rs.10000

(b) MLLN Based Local Circuits upto 64 kbps- Charges shall be at the **MLLN rates as specified in Para I (A) of circular** except charges for Local circuits of less than 15 kms the tariff (inclusive of NTU rental) will be as under:

Note: In case of MLLN based Local circuits beyond 15 km, NTU rental shall also be added in MLLN based tariff.

S. No. Distance Amount

- 1. 1 kms Rs. 4500
- 2. 2 kms Rs. 6500
- 3. 3 kms Rs. 8500
- 4. 4 kms Rs. 10000
- 5. 5 kms Rs. 11500
- 6. 6 kms Rs. 13000
- 7. 7 kms Rs. 14500
- 8. 8 kms Rs. 16000
- 9. 9 kms Rs. 17500
- 10. 10 kms Rs. 19000
- 11. 11 kms Rs. 20500
- 12. 12 kms Rs. 22000
- 13. 13 kms Rs. 23500
- 14. 14 kms Rs. 25000
- 15. 15 kms Rs. 25463

(c) Further that no rebate/concession is to be made available either on main circuit or tariff of local leads to Newspaper or Press. In other words Press/Newspaper shall be charged for 64 kbps classical or on MLLN based as the case may be. The charging for local lead & Local circuits shall be made as per rate specified above. In fact, circuits

leased to Newspaper/Press on MLLN shall attract NTU charges subject to the condition that their bill under new tariff regime should not increase the total charges paid by them for individual circuits

(d) Above 64 kbps but below 2Mbps circuits (Classical & MLLN based): Charges shall be at the rates as specified as per **Para I (A) of circular or co-efficient as applicable for Classical and MLLN based Leased Circuits as the case may be.**

(i) Even if only one end is MLLN based, the circuits are to be billed/provided at MLLN based tariff only.

(ii) Where the provision of local leads of any capacity is not possible on the existing media then the local leads may be provided on

a. Rent and Guarantee Basis, or

b. Contribution Basis, or

c. Special Construction Basis

(iii) Wherever the subscriber provides the end link the maintenance of same may be carried out by BSNL on specific written request of the subscriber @ 10% of the cost of the end link per annum.

(iv) For intermediate distances above 5 kms, the note 3 to para I (A) above shall apply.

(v) Charging of 2 wires & 4 wires local leads of Long Distance Circuits and local circuits shall be in accordance with the existing instructions.

B. TELEPHONE VOICE CIRCUITS (SPEECH)

Point to Point & single party---- Same rate as applicable for 64 kbps Network mode Classical based circuits.

PART TIME TELEPHONE VOICE CIRCUITS TO PRESS SUBSCRIBERS:

Part time telephone voice circuits to The charges shall be 50% of the press subscribers for daily part time charges for the telephone circuits.

use between 7 PM to 7 AM This will not be extended to circuits

hired for transmission of commercial

data to commercial institutions like

banks etc or video text / news scan

services etc

For press circuits no discount is permissible, however, lower of the new rates applicable as above OR the existing charges payable thereof will be applicable.

C. FASCIMILE CIRCUITS PRESS AND NON PRESS

Same rate as applicable for 64 kbps Classical based circuits.

For press circuits no discount is permissible, however, lower of the new rates applicable as above OR the existing charges payable thereof will be applicable.

D. LEASED VOICE BAND DATA CIRCUITS (UP TO 9.6 Kbps)

Same rate as applicable for 64 kbps Classical based Circuits.

For press circuits no discount is permissible, however, lower of the new rates applicable as above OR the existing charges payable thereof will be applicable.

Charges of Voice band Charges as applicable for 64 kbps data circuits for Press used for dissemination of news

F. TELEGRAPH CIRCUITS

All Telegraph circuits are to be billed on Classical rates only.

(i) TELEGRAPH CIRCUITS TO PRESS & NON PRESS SUBSCRIBERS

50 Bauds 75 Bauds

When the circuits is required 80% charge as prescribed 100% charge as for full time use daily for prescribed for 64 kbps prescribed for 64 kbps

speed data Classical ccts. speed data Classical ccts.

Multi-user Charge- As for the main circuits plus 10% for each additional user (other than principal user).

(ii) TARIFF FOR LOCAL LEAD (OR END LINKS) TO BE CHARGED AS:

a) Charges for leasing the local lead shall be respective rates as per **Para I (A)** except for less than 5 kms. The rates for less than 5 kms will be @ Rs.2500/- per km/p.a./per pair. The fraction of CD km will be rounded off to the next higher.

b) If such leasing is not possible then

a. On rent and guarantee basis or

b. On contribution basis.

c) Maintenance of the end link: Wherever the end link at subscribers' premises is provided by the subscriber, the maintenance shall be @ 10% of the cost of the link per annum.

d) Part time Telegraph circuits to Press subscribers

50 Bauds 75 Bauds

(i) For 8 hrs. or less One half of charge as One half of charge as daily prescribed at F(i) prescribed at F(i)

(ii) For more than Full charges as Full charges as 8 hrs. daily prescribed at F(i) prescribed at F(i)

G. ADDITIONAL INSTRUCTIONS

1. The existing leased line circuits provided on MLLN systems other than Press are required to be charged for the NTU's provided at subscriber premises at the following rates. **The NTU charges (as table below) are required to be charged from all existing and new customers including new Press/Newspaper:-**

**Type of MLLN Modem
(NTU)**

**Modem (NTU) Rental per annum
per end**

64 kbps Rs.3500

n X 64 kbps Rs.5000

2. In case of any advance payment made by Consumer/ISP to BSNL for the period beyond 1.05.2005, on the basis of prevailing tariff, pro-rata correction has to be made based on the new tariff with effect from 01.05.2005. In case of customers who have already paid the charges for the period starting from 1st May 2005, the difference shall be either be adjusted from the future rentals, or refunded, where ever the subscriber so insists.

For press circuits, no discount is permissible, however, lower of the new rates applicable (i.e. three way charging plus NTU Charges in the case of Long distance circuits and as per applicable rate for Local Circuits) as above OR the existing charges payable thereof will be applicable.

Annual tariff for High Speed Data Circuit of 2Mbps and above

These rates will be applicable only if the circuits are provided through utilization of spare capacities of the Company. In prospective cases where new construction or installation is involved on Rental & Guarantee, basis for the whole or part of circuits, the rental will be calculated on capital cost basis without comparison with flat rate. It is mandatory for leased circuits to be provided through utilization of spare capacity when such capacity is available and when not available, on Rental and Guarantee terms. The tariffs for different leased circuits are given below.

Tariff for High Speed Data Circuits (effective. 01.05.2005) .

These rental rates are annual and applicable to all class of subscribers uniformly. For press circuits no discount is available, however lower of the new rates applicable as mentioned below OR the existing charges applicable payable thereof will be applicable.

Distance (in kms)	2 Mbps (Rs.)	8 Mbps (Rs.)	34 Mbps (Rs.)	45 Mbps (Rs.)	155 Mbps (incl. 140 Mbps) (Rs.)
5	17016	59556	108902	666798	1787528
10	25180	88130	161152	666798	1787528
15	33344	116704	213402	666798	1787528
20	41509	145282	265658	666798	1787528
25	49673	173856	317907	666798	1787528
30	57837	202430	370157	666798	1787528
35	66001	231004	422406	666798	1787528
40	74165	259578	474656	666798	1787528
45	82329	288152	526906	666798	1787528
50	92667	324335	593069	709301	1901152
55	100831	352909	645318	766738	2055245
60	108995	381483	697568	824176	2209337
65	117159	410057	749818	881613	2363430
70	125324	438634	802074	939050	2517523
75	133488	467208	854323	996488	2671615
80	141652	495782	906573	1053925	2825718
85	149816	524356	958822	1111362	2979801
90	157980	552930	1011072	1168800	3133893
95	166144	581504	1063322	1226237	3287986
100	176482	617687	1129485	1314690	3524884
105	184646	646261	1181734	1372128	3678977
110	192810	674835	1233984	1429565	3833069
115	200975	703413	1286240	1487003	3987162
120	209139	731987	1338490	1544440	4141255
125	217303	760561	1390739	1601877	4295347

Distance (in kms)	2 Mbps (Rs.)	8 Mbps (Rs.)	34 Mbps (Rs.)	45 Mbps (Rs.)	155 Mbps (incl. 140 Mbps) (Rs.)
130	225467	789135	1442989	1659315	4449440
135	233631	817709	1495238	1716752	4603533
140	241795	846283	1547488	1774189	4757625
145	249959	874857	1599738	1831627	4911718
150	260297	911040	1665901	1920080	5148616
155	268461	939614	1718150	1977517	5302709
160	276625	968188	1770400	2034955	5456801
165	284790	996765	1822656	2092392	5610894
170	292954	1025339	1874906	2149830	5764987
175	301118	1053913	1927155	2207267	5919079
180	309282	1082487	1979405	2264704	6073172
185	317446	1111061	2031654	2322142	6227265
190	325610	1139635	2083904	2379579	6381357
195	333774	1168209	2136154	2437016	6535450
200	344112	1204392	2202317	2525470	6772348
205	352276	1232966	2254566	2582907	6926441
210	360440	1261540	2306816	2640344	7080533
215	368605	1290118	2359072	2697782	7234626
220	376769	1318692	2411322	2755219	7388719
225	384933	1347266	2463571	2812657	7542811
230	393097	1375840	2515821	2870094	7696904
235	401261	1404414	2568070	2927531	7850996
240	409425	1432988	2620320	2984969	8005089
245	417590	1461565	2672576	3042406	8159182
250	427927	1497745	2738733	3130859	8396080
255	436091	1526319	2790982	3188297	8550173
260	444256	1554896	2843238	3245734	8704265
265	452420	1583470	2895488	3303171	8858358
270	460584	1612044	2947738	3360609	9012451
275	468748	1640618	2999987	3418046	9166543
280	476912	1669192	3052237	3475484	9320636
285	485076	1697766	3104486	3532921	9474728
290	493240	1726340	3156736	3590358	9628821
295	501405	1754918	3208992	3647796	9782914
300	511742	1791097	3275149	3736249	10019812
305	519906	1819671	3327398	3793686	10173905
310	528071	1848249	3379654	3851124	10327997
315	536235	1876823	3431904	3908561	10482090
320	544399	1905397	3484154	3965998	10636182

Distance (in kms)	2 Mbps (Rs.)	8 Mbps (Rs.)	34 Mbps (Rs.)	45 Mbps (Rs.)	155 Mbps (incl. 140 Mbps) (Rs.)
325	552563	1933971	3536403	4023436	10790275
330	560727	1962545	3588653	4080873	10944368
335	568891	1991119	3640902	4138311	11098460
340	577055	2019693	3693152	4195748	11252553
345	585220	2048270	3745408	4253185	11406646
350	595557	2084450	3811565	4341639	11643544
355	603721	2113024	3863814	4399076	11797637
360	611886	2141601	3916070	4456513	11951729
365	620050	2170175	3968320	4513951	12105822
370	628214	2198749	4020570	4571388	12259914
375	636378	2227323	4072819	4628825	12414007
380	644542	2255897	4125069	4686263	12568100
385	652706	2284471	4177318	4743700	12722192
390	660870	2313045	4229568	4801138	12876285
395	669035	2341623	4281824	4858575	13030388
400	679372	2377802	4347981	4947028	13267276
405	687536	2406376	4400230	5004466	13421368
410	695701	2434954	4452486	5061903	13575461
415	703865	2463528	4504736	5119340	13729554
420	712029	2492102	4556986	5176778	13883646
425	720193	2520676	4609235	5234215	14037739
430	728357	2549250	4661485	5291652	14191832
435	736521	2577824	4713734	5349090	14345924
440	744686	2606401	4765990	5406527	14500017
445	752850	2634975	4818240	5463965	14654110
450	763187	2671155	4884397	5552418	14891008
455	771352	2699732	4936653	5609855	15045100
460	779516	2728306	4988902	5667283	15199193
465	787680	2756880	5041152	5724730	15353286
470	795844	2785454	5093402	5782167	15507378
475	804008	2814028	5145651	5839605	15661471
480	812172	2842602	5197901	5897042	15815564
485	820336	2871176	5250150	5954479	15969656
490	828501	2899754	5302406	6011917	16123749
495	836665	2928328	5354656	6069354	16277842
500	847002	2964507	5420813	6157807	16514740
>500	850000	2975000	5440000	6159000	16520000

* 25% discount available on 2Mbps and above circuits between some cities. This discount will not be applicable for ISP's and other licensed services providers e.g. BSOs, CMSPs, NLDOs and ILDOs.

Note:1: The distance referred to, above is "Chargeable Distance" i.e. equal to 1.25 times of the radial distance between the two points connected.

Note:2: The tariff of 2mbps, 45 mbps (DS 3) and 155 mbps (140 mbps) is based on the ceiling prescribed by TRAI. For 8 mbps and 34 mbps circuits the factor of 3.5 and 6.4 on the 2mbps rates has been used. For 140 mbps the tariff as applicable for 155 mbps / STM-1 shall apply.

Note:3 : The above tariff is specified in distance slabs of 5 kms and with minimum of 5 kms or 50 kms. The calculation of tariff for intermediate distances (lying in between the distance slabs) will be made on pro rata basis. For this, difference in tariff of the lower and upper distance slabs rates will be taken and divided by 5kms to arrive at per km rate. The distance will be rounded off to the next km. This is explained below with the help of an example:

1. The illustration of 7 kms distance of 2Mbps is given below

Charges of 5 kms	Rs. 17,016.00
Charges of 10 kms	Rs. 25,180.00
Difference (ii)-(i)	Rs. 8,164.00
Per km rate (iii)/5	Rs. 1633.00
Rate for 7kms [(i) + 2 kms x (iv)]	Rs. 17,016 + 2 x Rs. 1633.00 =Rs. 20,282.00

2. The tariffs for capacity ranging from 128 kbps to 960 kbps shall be determined by multiplying the tariff for leased circuits of 64 kbps by the coefficients specified below, subject to the maximum of respective distance slabs of 2 Mbps rates:

Capacity(kbps)	Coefficient
960	7.6
768	6.4
512	4.8
384	4.0
320	3.6
256	3.1
192	2.5
128	1.8

3. Tariff for Local Lead (or End Links) or Local Circuits to be Charged as:

(i) (a) Local leads up to 64 kbps

For the local circuits as well as for the local leads of the leased lines upto 64 Kbps speeds which include Non Exchange lines, P-wires, Hotlines, Speech circuits, Voice Band data circuits, the tariff will be charged (w.e.f. 1-4.2001) as per the table given below. Beyond 15 kms the charges as already prescribed above would be followed.

Distance	Amount (in Rupees)
1 Km	4500.00
2 Kms	6500.00
3 Kms	8500.00
4 Kms	10000.00
5 Kms	11500.00
6 Kms	13000.00
7 Kms	14500.00
8 Kms	16000.00
9 Kms	17500.00
10 Kms	19000.00
11 Kms	20500.00
12 Kms	22000.00
13 Kms	23500.00
14 Kms	25000.00
15 Kms	26707.00

(i) (b) Local leads Above 64 kbps but below 2MBPS

Charge for leasing these local leads, shall be the rates of respective circuits as per table at para A above. The rates are per pair per annum.

(ii) If such leasing is not possible, then

- On rent and guarantee basis or
- On contribution basis.

(iii) Maintenance of end link: Wherever the end link at subscribers premises is provided

by the subscriber, the maintenance (by bsnl) shall be @ 10% of the cost of the link per annum.

(ii) Local Leads 2 Mbps and above: Charges for local leads shall continue as per the existing three way charging principle. For the local lead of circuits meeting the following criteria, there shall be no additional charges at both the ends:

- Distance: > 500 kms
- Capacity / Bandwidth: DS3 (45 mbps) and above

(iii) Local Circuits 2 Mbps and above: Local circuits will be charged minimum tariff of 5kms or 50 kms as the case may be. The minimum charge for Local circuits shall be as under:

Capacity/ Speed	Tariff Applicable
Circuits below 45 Mbps (DS3)	5 km
Circuits of 45 Mbps and above	< 50 km

Note: The minimum tariff of 45 Mbps and 155 Mbps for distance below 50 Km will be Rs 6,66,798/- and Rs 1,78,528/- respectively.

For intermediate distances above the minimum distance slab, the procedure given in note-3 of Table-A shall apply.

(iv) Where the provision of local leads of any capacity is not possible on the existing media then the local leads may be provided on

- Rent and Guarantee Basis, or
- Contribution Basis, or
- Special Construction Basis

(v) Wherever the subscriber provides the end link the maintenance of same may be carried out by BSNL on specific written request of the subscriber @ 10% of the cost of the end link per annum.

(vi) No discount is applicable (as per existing procedure) for press for local leads or local circuits.

(vii) Charging of 2 wires & 4 wires local leads of Long Distance Circuits and local circuits shall be in accordance with the existing instructions

Tariff for Local Lead and local circuits provided on special constructions on OFC (previously known as R&G cases) - charges for STM bandwidth

Bandwidth	Distance	3 yr commitment	2 yr commitment	1 yr commitment
STM4	0-5 km	Rs 36 lakhs	Rs 45 lakhs	Rs 72 lakhs
	5-10 km	Rs 57 lakhs	Rs 72 lakhs	Rs 120 lakhs
Discount to be given if power plant & battery set provided by customer.	-	Rs 40000	Rs 40000	Rs 40000

Additional Instructions:

- There is no Registration fee for new subscribers.
- Local lead alone for any long distance circuit, whether domestic or international taken from other licensed service provider shall not be provided by BSNL without prior commercial agreement of the provider of such long distance circuits with BSNL Corporate Office.
- The new tariff as above applies from 1st May 2005. In case of customers who have already paid the charges for the period starting from 1st May 2005, the difference shall be either adjusted from the future rentals, or refunded, where the subscriber so insists.

4. Payment for Right of Way/Way Leave Charges

This expenditure, if any, will be charged from the customers in addition to above tariff. (Note: However, this matter has been referred to TRAI for clarification. It will be further explained on receipt of clarification from TRAI.)

5. Installation and Testing Charges:

BSNL has revised installation and testing charges as following :

For upgradation of existing B/W	Nil
Modem owned by subscriber	Nil
Modem owned by subscriber and modem is installed by BSNL on the written request of the customer	Nil
For more than 2 Mbps B/W, provided on special construction or R&G basis	Nil

- Clarifications on 'testing and installation' charges (bsnl circular no. 112-13/2009-BP-Ent. dated 05.11.2009)

6. Refund in case of withdrawal of service request of leased line:

Type of cases	Refundable amount
In case of withdrawal of service request by customer	<ul style="list-style-type: none"> Rs.2000/- shall be deducted from refundable amount (PDN amount) as administration charges. The Commercial Officer who has issued the PDN shall send the refund order to AO (Cash) for making hassle free & quick refund can be processed.
In case circuit is not commissioned within 6 months of issue of PDN	If a request for refund has been received on the ground that the circuit has not been commissioned within 6 months of issue of advice, full amount shall be refunded, treating it as non-feasible.

7. Short Duration Charges: (for all types of circuits)

For period up to 3 months and minimum period of 7 days	Double the pro rata rental of the respective distance slab specified at para 1(A)
For a period exceeding three months but less than one year	Full year rental of respective distance slab as specified at para 1(A)

Note: Provision of leased Circuits for short duration will be only from existing spare capacity of circuits and local leads. Cost incurred in addition to the existing local leads and long distance medium, including additional costs incurred for any special construction, may be added to the short duration rental specified under items (a) and (b) above.

8. Charges for NTU for Data Circuits given on MLLN System

(w.e.from 01/05/2005)

Category	Rental
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	For 64 Kbps and Nx64 Kbps up to 128 Kbps
Refundable Security Deposit (Interest Free)	Rs. 10,000/-*

The existing leased line circuits provided on MLLN systems are required to be charged for the NTU's provided at subscriber premises at the following rates:

Type of MLLN Modem	Rental per annum
2 MBps V.35/G.703	Rs.10000/-
2 MBps Ethernet	Rs.18000/-

For the period less than one year, the above rental shall be charged on pro-rata basis subject to a charge of minimum hiring period.

MPLS VPN TNF cases:

Presently, due to non-availability of VMUX, MLLN NTU or MUX, difficulty is being experienced in commissioning of MPLS VPN circuits. Therefore, it has been decided to allow last mile connectivity up to MPLS port on 2 Mbps basis without MUX etc and to restrict the bandwidth at the MPLS port end to that required by the customer.

Tariff for Local Lead (or End Link) using WiMax as last Mile Connectivity in case of lease line (MLLN or other) and Internet Leased Line:-

- The Basic tariff (long distance charges) for Lease Line (MLLN or others) & Internet Leased Line using WiMAX for last mile connectivity will be same as that of the Tariff for Lease Line (MLLN or others) & Internet Leased Line without WiMax as Last line connectivity.
- Local Lead Charges for Lease Line (MLLN or others) & Internet Leased Line using WiMAX for last mile connectivity will remain the same as is prevalent for last mile connectivity on copper pair.
- In addition to the above, CPE Rental (per month) will be charged as per tariff of WiMax CPE rental charges.
- In case last mile connectivity using WiMax is on one end of Lease Line then one CPE rental is to be charged. In case both ends (local leads) are on WiMax then for both ends CPE rent is to be charged.
- The rental will be paid by the customer monthly/quarterly or annually as the existing payment periodicity of leased line is being followed.

Telephone Voice Circuits (Speech)

Point to Point & Single Party Network	Same Rate as prescribed for 64 Kbps high
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Mode	speed data circuits
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Local Lead to Telephone Voice Circuits (Speech)

- Charge for leasing these local leads shall be the rate applicable to 64kbps High Speed data circuits as per para 1(A) except for less than 5 kms. The rates for less than 5 kms will be @ Rs. 5000/- per km/p.a./per pair. The fraction of CD km will be rounded to next higher or
- If such leasing is not possible, then
 - (i) On rent and guarantee basis, or
 - (ii) On contribution basis
- Maintenance of end link: Whenever the end link at subscribers premises is provided by the subscriber, the maintenance (by DoT) shall be @ 10% of the cost of the link per annum.

Part Time Telephone Voice Circuits to Press Subscribers

The telephone circuits shall be provided for daily part time use between 7 P.M. to 7 A.M..	The charges shall be 50% of the charges for telephone circuits.
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Note: A 50% concession in the rentals for leased telephone voice circuits used for Data Transmission/Facsimile by News Agencies and Newspapers for propagation of news. This will not extend to circuits hired for transmission of commercial data to commercial institutions like Banks etc. or Videotext/news scan services etc.

Facsimile Circuits

(Non-Press)	Same rate as applicable for 64 Kbps High speed data circuits
For Press	1/3 rd of above charges

Leased Voice Band Data Circuits (up to 9.6 Kbps)

Main circuit Point to point and Single party network mode up to 9.6 Kbps	Same rates as prescribed for 64 Kbps High speed data circuits
Tariff for Local Lead (or end links) to be Charged as	
<ul style="list-style-type: none"> • Charge for leasing these local leads shall be rate applicable to 64 Kbps High speed data circuits as per para 1(A) except for less than 5 kms. The rates for less than 5 kms will be @ Rs. 5000/- per km/p.a./per pair. The fraction of CD km will be rounded to next higher or • If such leasing is not possible, then <ol style="list-style-type: none"> (a) On rent and guarantee basis, or (b) On contribution basis • >Mtce. of end link: Wherever the end link at subscribers premises is provided by 	

the subscriber, the maintenance (by BSNL) shall be @ 10% of the cost of the link per annum	
Charges of voice band data circuits for Press - Used for dissemination of news	1/3 rd of the charges as prescribed at (a) above
Modem Rental per year (Departmental Modem)	
Up to 2400 bps	Rs. 5,000 per annum
4800 bps	Rs. 7,000 per annum
9600 bps	Rs. 9,000 per annum
Installation and Testing Charges of Modem (Subscriber owned)	
Upto 2400 bps	Rs. 800
4800 bps	Rs. 800
9600 bps	Rs. 800
Modems will be rented out by the Company for data on leased lines and PSTN Services for a minimum period of one year	

Multiparty Network

Multiparty network is not permitted on Speech, Voice Band Data and High speed data circuits. It may be considered for Closed User Group or Broad User Group on case by case basis.

Telegraph Circuits

Telegraph Circuits to Non Press Subscribers

	50 Bauds	75 Bauds
When the circuit is required for full time use daily	33% charges of 64 Kbps high speed data circuits rates.	50% charges of 64 Kbps high speed data circuits rates.
Multi-user charge	As for the main circuit plus 10% for each additional user (other than principal user)	

Tariff for Local Lead(or End Links) to be charged as

- charge for leasing these local leads as prescribed at F(i) above except for less than 5 kms. The rates for less than 5 kms will be @ Rs. 2500/- per km/p.a./per pair. The fraction of CD km will be rounded to next higher., or
- If such leasing is not possible, then
 - (a) On rent and guarantee basis, or
 - (b) on contribution basis
- Maintenance of end link :Wherever the end link at subscribers premises is provided by the subscriber, the maintenance (by DTS) shall be @ 10% of the cost of the link per annum.

Telegraph Circuits to Press Parties**(i) Telegraph/Tele-printer Circuits Leased to Press**

50 Bauds	75 Bauds
1/3 rd of charges as prescribed at F(i) above for non-press subscribers	1/3rd of charges as prescribed at F(i) above for non-press subscriber

(ii) Part Time Telegraph Circuits to Press Subscribers

	50 Bauds	75 Bauds
For 8 hours or less daily	One half of the charges as specified at F(iii) (a)	One half of the charges as specified at F(iii) (a)
For more than 8 hours daily	Full charges specified at F(iii) (a)	Full charges specified at F(iii) (a)

Note: (The Telegraph circuits are not available on part time basis to other than press subscribers.)

Ticker Connection

The Rental for Ticker Connection shall be same as that of a 50 Bauds Telegraph Circuits (Non-Press). Press do not enjoy any concessions as the Ticker Connections are exclusively provided for the Press.

Circuits in Telegraph Network

(On SFT/Message switching equipment/message concentrated etc.)	As for voice band data circuits as given above at (D)
Additional Charges on SFT/Message switching equipment/message concentrator etc. for the Tele-printer networks	
Up to an equipped capacity of 16 extensions	Rs. 10,000 p.a.
More than 16 extensions	Rs. 10,000 + Rs. 5,000 p.a per additional extension or part thereof

Private Wires/Non Exchange Lines/Local Circuits (for both voice and Data Transmission) Same rate as applicable for 64 kbps High speed data circuits as per 1(A) except for less than 5 kms. The rates for less than 5 kms will be @ Rs. 5000/- per km/p.a./per pair. The fraction of CD km will be rounded to next higher.

Misc. Charges for Telegraph/Tele-printer/Telephone Circuits

Reconnection Charges

Within a period of 7 days from the date of disconnection Rs. 30

In all other cases Rs. 60

Installation Charges

Hand Micro Telephone Instrument Provided at either end Rs. 150 per instrument

Speech Circuits and T/P Circuits

Installation Charge Rs. 200 for each end

Shifting Charge Rs. 200 for each end

The tariff for interconnection between Public Data Network and Private Data Network through leased lines will be as under

Volume Charges Rs. 100 per kseg without any concession

Access Charges: For PSTN/Telex to Private Data Network Access Charges: For PSTN/Telex to Private Data Network

Access Charges: For PSTN/Telex to Private Data Network TELEX

Rs. 15,000 p.a. per DEL Rs. 25,000 p.a. per DEL

License Fee for Network is waived off w.e.f. 05.11.2004 For new cases - w.e.f. 05-11-2004
For existing cases - from next billing cycle

K. Time dependent B/W (w.e.f 1.1.2002)

The MLLN system is capable of providing differential time dependent bandwidth on request. Subject to network capability following parameters shall be considered while accepting the requests of subscribers:

- Minimum period: One month and in multiples thereof. In case demand for lesser duration, the charges shall be levied for minimum period of one month.
- Minimum time per day: 6 hours. In case of request for lesser time per day, the charges shall be levied for minimum 6 hours per day.
- Only B/W up gradation of B/W shall be allowed: The down gradation is not permitted. For example a 512 kbps circuit may be allowed to become 1024 kbps for a minimum 6 hours per day (other 18 hours it may remain as 512 kbps), but a 512 kbps circuit cannot be downgraded to 128 kbps for any period in a day.
- **Tariff:**

- Time dependent higher B/W charges per month:
{Difference in charges of two bandwidths per month} X 1.5(fixed) X hours per day (minimum 6 hours)/ 24.
- Charges for period more than one month but less than one year: In multiples of one month.
- Charges for one year or more (at one time):
(Monthly charges as per (i.) above X number of months) less 15% as discount. The period beyond 1 year shall be in multiples complete month only

Illustrative list of Calculation of additional charges for time dependant differential bandwidth

Existing B/W	Annual charges	Monthly Charges	Required B/W (kbps)	Annual charge	Monthly Charge
64	40646	3387	128	73163	6097
		3387	128	73163	6097
		3387	128	73163	6097
		3387	128	73163	6097
128	73163	6097	256	126003	10500
		6097	384	162584	13549
		6097	512	195101	16258
256	126003	10500	384	162584	13549
		10500	512	195101	16258

Required	Time Period (months) chargeable	Required	Duration(hrs) each day Chargeable	Charges (Rs.)
12	12	12	12	20729
3	3	4	6	3048
1	1	8	8	1355
1/2	1	6	6	1016
6	6	4	6	9907
3	3	12	12	16766
1/2	1	6	6	3811
1	1	6	6	1143
12	12	3	6	22025

Charges for Local leads and local circuits provided on special construction on Optical Fiber Cable (OFC)

To provide bandwidth on demand by the BSNL to the customers and to make the tariff structure attractive, BSNL provides Special Constructions of Local Leads and Local Circuits on OFC (Previously known as Rent and Guarantee Cases).

The details of the charges of the OF local lead (including the rental of equipment at both ends of the local lead) are as given below:

Annual Rentals for OF local lead (All figures in Rs. Lakhs)

Bandwidth	Distance	3 years Commitment	2 years Commitment	1 year Commitment
2MB	3-5 KM	5.00	7.00	11.00
	>5-10KM	12.00	16.00	27.00
8MB	0-5 KM	6.00	8.00	14.00
	>5-10 KM	13.00	17.00	30.00
34MB	0-5 KM	7.00	9.00	15.00
	>5-10 KM	14.00	18.00	31.00
140 MB/STM1	0-5 KM	12.00	15.00	24.00
	>5-10 KM	19.00	24.00	40.00

Discount in Rentals: If the power plants and the battery sets are provided by the customers at his premises. The following discount will be applicable(Rs.):

Commitment in years	2 MB Equipt.	8 MB Equipt	34 MB Equipt	140MB/STM 1 Equipt
1 Year	10,000	40,000	40,000	40,000
2 Year	10,000	40,000	40,000	40,000
3 Year	10,000	40,000	40,000	40,000

For further details contact Local Telecom Office/nearest customer care center of BSNL.