

Annecure - II

Fibre characteristics for forward and reverse path for additional ILA locations

Fibre characteristics for forward path

Sr. No.	Segment (Forward Direction)	Source	Destination	Fiber Length	Fiber Loss
1	Kharagpur – Jhargram	Kharagpur	Jhargram	43.42	13.087
	Jhargram – Dalbhumgarh	Jhargram	Dalbhumgarh	48	14.65
2	Behrampur - Jaduguria	Behrampur	Jaduguria	39.8	14
	Jaduguria - Palasa	Jaduguria	Palasa	42.5	15.6
3	Palasa - Kotabommali	Palasa	Kotabommali	43.4	16.14
	Kotabommali - Srikakulam Road	Kotabommali	Srikakulam Road	37.8	14
4	Muniguda - Langigarh	Muniguda	Langigarh	42	17.4
	Langigarh - Titilagarh	Langigarh	Titilagarh	51.5	21.3
5	Titilagarh - Harishankar Nagar	Titilagarh	Harishankar Nagar	61	17.4
	Harishankar Nagar - Nawapada Rd	Harishankar Nagar	Nawapada Rd	34.5	21.3
6	Kharagpur - Chandrakona	Kharagpur	Chandrakona	54.1	19.45
	Chandrakona - Bishnupur	Chandrakona	Bishnupur	39.84	14.43
7	Adra - Bankura	Adra	Bankura	45.3	15.3
	Bankura - Bishnupur	Bankura	Bishnupur	43.4	14
8	Champa - Kharsia	Champa	Kharsia	49.5	18.48
	Kharsia - Raigarh	Kharsia	Raigarh	41.5	19.51
9	Salakesa - Dongargarh	Salakesa	Dongargarh	40.208	18.432
	Dongargarh - Rajnandgaon	Dongargarh	Rajnandgaon	34.592	15.932
10	Balugaon - Kalupada ghat	Balugaon	Kalupada ghat	43	18.5
	Kalupada ghat - Khurda Rd	Kalupada ghat	Khurda Rd	40.2	17.2
11	Jajpur - Dhanmandal	Jajpur	Dhanmandal	41	16
	Dhanmandal - Cuttak	Dhanmandal	Cuttak	43.6	17.1
12	Rayagada - Site 1	Rayagada	Parvatipuram	51.37	14.68
	Site 1 - Bobbili	Parvatipuram	Bobbili	25.507	7.078
13	Vijaynagar - Site 2	Vijaynagar	Chipurupalli	33.3	15.53
	Site 2 - Sirkakulam Road	Chipurupalli	Sirkakulam Road	42.6	19.86
14	Vishakhapatnam - Site 3	Vishakhapatnam	Kottavalasa	32.788	16.64
	Site 3 - Vijaynagar	Kottavalasa	Vijaynagar	39.223	17.762
15	Chakradharpur - Site 4	Chakradharpur	SINI	43.43	22
	Site 4 - Tatanagar	SINI	Tatanagar	33.246	19
16	Kharagpur - Site 5	Kharagpur	Datan	57.65	23.34
	Site 5 - Jaleshwar	Datan	Jaleshwar	18.44	8.5
17	Hathband - Site 6	Hathband	NIPANIA	33	13.5
	Site 6 - Bilaspur	NIPANIA	Bilaspur	35	14.6
18	Kolkata - Site 7	Kolkata	kamarkundu	43.4	21
	Site 7 - Jaugram	Kamarkundu	Jaugram	33.5	20
19	Behrampur - Site 8	Behrampur	HUMA	44.3	15.4
	Site 8 - Balugaon	HUMA	Balugaon	45	16.1
20	Jajpur - Site 9	Jajpur	Manjuri Road	25.554	11.3
	Site 9 - Bhadrak	Manjuri Road	Bhadrak	23.96	10.2
21	Bhadrak - Site 10	Bhadrak	SORO	31.103	13.2
	Site 10 - Balasore	SORO	Balasore	36.612	12.3

22	Asansol - Site 11	ASANSOL	ANDAL	26.6	8.46
	Site 11 - Durgapur	ANDAL	DURGAPUR	27.8	8.8
23	Raipur - Site 12	RAIPUR	SHILYARI	25.75	10
	Site 12 - Hathband	SHILYARI	HATHBANDH	26.98	12
24	Raigarh - Site 13	RAIGARH	HIMGIRI	40.2	13
	Site 13 - Jharsiguda	HIMGIRI	JHARSUGURA	43	14

Fibre characteristics for reverse path

Sr. No.	Segment (Reverse Direction)	Source	Destination	Fiber Length	Fiber Loss
1	Jhargram - Kharagpur	Jhargram	Kharagpur	43.42	13.087
	Dalbhumgarh - Jhargram	Dalbhumgarh	Jhargram	48	14.65
2	Jaduguria - Behrampur	Jaduguria	Behrampur	39.8	14
	Palasa - Jaduguria	Palasa	Jaduguria	42.5	15.6
3	Kotabommali - Palasa	Kotabommali	Palasa	43.4	16.14
	Srikakulam Road	Srikakulam Road	Kotabommali	37.8	14
4	Langigarh - Muniguda	Langigarh	Muniguda	42	17.4
	Titilagarh - Langigarh	Titilagarh	Langigarh	51.5	21.3
5	Harishankar Nagar - Titilagarh	Harishankar Nagar	Titilagarh	61	17.4
	Nawapada Rd - Harishankar Nagar	Nawapada Rd	Harishankar Nagar	34.5	21.3
6	Chandrakona - Kharagpur	Chandrakona	Kharagpur	54.1	19.45
	Bhishnupur - Chandrakona	Bhishnupur	Chandrakona	39.84	14.43
7	Bankura - Adra	Bankura	Adra	45.3	15.3
	Bishnupur - Bankura	Bishnupur	Bankura	43.4	14
8	Kharsia - Champa	Kharsia	Champa	49.5	18.48
	Raigarh - Kharsia	Raigarh	Kharsia	41.5	19.51
9	Dongargarh - Salakesa	Dongargarh	Salakesa	40.208	18.432
	Rajnandgaon - Dongargarh	Rajnandgaon	Dongargarh	34.592	15.932
10	Kalupada ghat - Balugaon	Kalupada ghat	Balugaon	43	18.5
	Khurda Rd - Kalupada ghat	Khurda Rd	Kalupada ghat	40.2	17.2
11	Dhanmandal - Jajpur	Dhanmandal	Jajpur	41	16
	Cuttak - Dhanmandal	Cuttak	Dhanmandal	43.6	17.1
12	Site 1 - Rayagada	Parvatipuram	Rayagada	51.37	14.68
	Bobbili - Site 1	Bobbili	Parvatipuram	25.507	7.078
13	Site 2 - Vijaynagar	Chipurupalli	Vijaynagar	33.3	15.53
	Sirkakulam Road - Site 2	Sirkakulam Road	Chipurupalli	42.6	19.86
14	Vishakhapatnam - Site 3	Kottavalasa	Vishakhapatnam	32.731	17.13
	Vijaynagar - Site 3	Vijaynagar	Kottavalasa	39.242	17.895
15	Site 4 - Chakradharpur	SINI	Chakradharpur	43.43	22
	Tatanagar - Site 4	Tatanagar	SINI	33.246	19
16	Site 5 - Kharagpur	Datan	Kharagpur	57.65	23.34
	Jaleshwar - Site 5	Jaleshwar	Datan	18.44	8.5
17	Site 6 - Hathband	NIPANIA	Hathband	33	13.5
	Bilaspur - Site 6	Bilaspur	NIPANIA	35	14.6
18	Site 7 - Kolkata	kamarkundu	Kolkata	43.4	21
	Jaugram - Site 7	Jaugram	kamarkundu	33.5	20
19	Site 8 - Behrampur	HUMA	Behrampur	44.3	15.4

19	Balugaon - Site 8	Balugaon	HUMA	45	16.1
20	Site 9 - Jajpur	Manjuri Road	Jajpur	25.554	11.3
	Bhadrak - Site 9	Bhadrak	Manjuri Road	23.96	10.2
21	Site 10 - Bhadrak	SORO	Bhadrak	31.103	13.2
	Balasore - Site 10	Balasore	SORO	36.612	12.3
22	Site 11 - Asansol	ANDAL	Asansol	26.6	8.46
	Durgapur - Site 11	Durgapur	ANDAL	27.8	8.8
23	Site 12 - Raipur	SHILYARI	Raipur	25.75	10
	Hathband - Site 12	Hathband	SHILYARI	26.98	12
24	Site 13 - Raigarh	HIMGIRI	Raigarh	40.2	13
	Jharsiguda - Site 13	Jharsiguda	HIMGIRI	43	14

Sites in Blue are additional optional ILA sites