

КООРДИНАТЕН РЕГИСТЪР
на точките по оста на оптични кабели - Окончателен проект
в община Дупница, обл. Кюстендил

Координатна система: БГС2005
 Мерни единици: метри

Координатна система: 1970
 Мерни единици: метри

Координатна система: WGS 84
 Мерни единици: градуси, минути, секунди

Номер	БГС 2005		1970-K9		WGS 84	
	Север, X	Изток, Y	Север, X	Изток, Y	Северна ширина, В	Източна дължина, L
Основно трасе						
O1	4 686 160.89	301 669.09	4 557 850.31	8 479 702.66	42° 17' 07.4076"	23° 05' 41.8523"
O2	4 686 157.46	301 661.02	4 557 846.68	8 479 694.67	42° 17' 07.2890"	23° 05' 41.5044"
O3	4 686 194.57	301 647.26	4 557 883.44	8 479 680.00	42° 17' 08.4786"	23° 05' 40.8580"
O4	4 686 241.37	301 628.88	4 557 929.77	8 479 660.47	42° 17' 09.9779"	23° 05' 39.9979"
O5	4 686 264.90	301 577.78	4 557 952.04	8 479 608.81	42° 17' 10.6931"	23° 05' 37.7391"
O6	4 686 301.82	301 540.56	4 557 988.03	8 479 570.69	42° 17' 11.8548"	23° 05' 36.0692"
O7	4 686 304.38	301 537.97	4 557 990.53	8 479 568.03	42° 17' 11.9354"	23° 05' 35.9530"
O8	4 686 290.81	301 524.23	4 557 976.62	8 479 554.63	42° 17' 11.4831"	23° 05' 35.3704"
O9	4 686 315.89	301 488.57	4 558 000.81	8 479 518.36	42° 17' 12.2627"	23° 05' 33.7833"
O10	4 686 334.91	301 507.19	4 558 020.29	8 479 536.51	42° 17' 12.8961"	23° 05' 34.5721"
O11	4 686 337.03	301 505.06	4 558 022.36	8 479 534.33	42° 17' 12.9628"	23° 05' 34.4765"
O12	4 686 433.00	301 408.29	4 558 115.91	8 479 435.22	42° 17' 15.9827"	23° 05' 30.1349"
O13	4 686 431.54	301 052.61	4 558 105.69	8 479 079.67	42° 17' 15.6068"	23° 05' 14.6173"
O14	4 686 472.51	300 928.77	4 558 143.60	8 478 954.85	42° 17' 16.8195"	23° 05' 09.1627"
O15	4 686 468.17	300 882.70	4 558 138.12	8 478 908.90	42° 17' 16.6363"	23° 05' 07.1580"
O16	4 686 736.25	300 693.43	4 558 401.47	8 478 713.08	42° 17' 25.1462"	23° 04' 58.5650"
O17	4 687 563.80	299 635.34	4 559 202.72	8 477 634.87	42° 17' 50.9737"	23° 04' 11.3574"
O18	4 687 775.86	299 601.89	4 559 413.90	8 477 596.20	42° 17' 57.8128"	23° 04' 09.6315"
O19	4 688 142.52	299 584.71	4 559 780.03	8 477 569.99	42° 18' 09.6756"	23° 04' 08.4215"
O20	4 688 304.37	299 490.74	4 559 939.52	8 477 472.06	42° 18' 14.8315"	23° 04' 04.1171"
O21	4 688 535.88	299 377.23	4 560 168.18	8 477 352.87	42° 18' 22.2260"	23° 03' 58.8721"
O22	4 688 915.29	299 288.30	4 560 545.29	8 477 254.61	42° 18' 34.4349"	23° 03' 54.5136"
O23	4 689 055.82	299 288.60	4 560 685.79	8 477 251.45	42° 18' 38.9880"	23° 03' 54.3500"
O24	4 689 241.55	299 244.40	4 560 870.38	8 477 202.68	42° 18' 44.9639"	23° 03' 52.1871"
O25	4 689 612.33	298 986.41	4 561 234.71	8 476 935.62	42° 18' 56.7352"	23° 03' 40.4588"
O26	4 690 020.36	298 874.33	4 561 639.87	8 476 813.51	42° 19' 09.8495"	23° 03' 35.0520"
O27	4 690 150.19	298 751.28	4 561 766.63	8 476 687.29	42° 19' 13.9405"	23° 03' 29.5166"
O28	4 690 455.66	298 766.49	4 562 072.39	8 476 694.97	42° 19' 23.8511"	23° 03' 29.7953"
O29	4 690 730.51	298 908.42	4 562 350.67	8 476 830.09	42° 19' 32.8883"	23° 03' 35.6451"
O30	4 690 836.52	298 903.51	4 562 456.53	8 476 822.57	42° 19' 36.3181"	23° 03' 35.2971"
O31	4 691 451.14	298 632.76	4 563 064.31	8 476 536.74	42° 19' 55.9767"	23° 03' 22.7004"
O32	4 691 852.15	298 593.29	4 563 464.25	8 476 487.39	42° 20' 08.9313"	23° 03' 20.4706"
O33	4 692 345.25	298 460.03	4 563 953.93	8 476 342.01	42° 20' 24.7815"	23° 03' 14.0285"
O34	4 692 515.41	298 484.02	4 564 124.64	8 476 361.80	42° 20' 30.3167"	23° 03' 14.8610"
O35	4 692 612.29	298 586.48	4 564 224.02	8 476 461.85	42° 20' 33.5514"	23° 03' 19.2131"
O36	4 692 756.98	298 683.63	4 564 371.06	8 476 555.41	42° 20' 38.3300"	23° 03' 23.2730"
O37	4 693 123.77	298 503.77	4 564 733.33	8 476 366.55	42° 20' 50.0444"	23° 03' 14.9547"
O38	4 693 515.94	298 391.82	4 565 122.63	8 476 244.96	42° 21' 02.6446"	23° 03' 09.5694"
O39	4 693 745.27	298 064.14	4 565 343.83	8 475 911.72	42° 21' 09.7666"	23° 02' 54.9670"
O40	4 693 792.38	298 021.44	4 565 389.87	8 475 867.87	42° 21' 11.2526"	23° 02' 53.0423"
O41	4 693 826.80	298 004.11	4 565 423.86	8 475 849.69	42° 21' 12.3515"	23° 02' 52.2417"
O42	4 693 965.43	297 963.62	4 565 561.45	8 475 805.80	42° 21' 16.8046"	23° 02' 50.2975"
O43	4 694 198.79	297 781.88	4 565 790.27	8 475 618.35	42° 21' 24.1938"	23° 02' 42.0632"
O44	4 694 385.34	297 750.97	4 565 976.01	8 475 582.85	42° 21' 30.2084"	23° 02' 40.4763"
O45	4 694 544.53	297 679.24	4 566 133.39	8 475 507.21	42° 21' 35.2982"	23° 02' 37.1409"
O46	4 694 742.15	297 674.69	4 566 330.85	8 475 497.79	42° 21' 41.6962"	23° 02' 36.6912"
O47	4 694 803.97	297 577.77	4 566 390.26	8 475 399.37	42° 21' 43.6077"	23° 02' 32.3789"
O48	4 694 864.41	297 538.57	4 566 449.72	8 475 358.69	42° 21' 45.5288"	23° 02' 30.5897"
O49	4 694 958.59	297 544.21	4 566 544.01	8 475 362.01	42° 21' 48.5853"	23° 02' 30.7164"
O50	4 695 022.07	297 580.55	4 566 608.37	8 475 396.78	42° 21' 50.6761"	23° 02' 32.2233"
O51	4 695 073.37	297 528.87	4 566 658.39	8 475 343.85	42° 21' 52.2894"	23° 02' 29.9004"

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	Север, X	Изток, Y	Север, X	Изток, Y	Северна ширина, В	Източна дължина, L
O52	4 695 181.67	297 452.62	4 566 764.78	8 475 264.95	42° 21' 55.7261"	23° 02' 26.4317"
O53	4 695 248.36	297 436.05	4 566 831.04	8 475 246.74	42° 21' 57.8710"	23° 02' 25.6230"
O54	4 695 360.46	297 445.88	4 566 943.36	8 475 253.80	42° 22' 01.5120"	23° 02' 25.9099"
O55	4 695 462.47	297 402.58	4 567 044.27	8 475 208.00	42° 22' 04.7760"	23° 02' 23.8886"
O56	4 695 584.14	297 413.85	4 567 166.19	8 475 216.27	42° 22' 08.7284"	23° 02' 24.2262"
O57	4 695 653.62	297 399.70	4 567 235.30	8 475 200.41	42° 22' 10.9660"	23° 02' 23.5196"
O58	4 695 813.39	297 385.80	4 567 394.69	8 475 182.57	42° 22' 16.1289"	23° 02' 22.7092"
O59	4 696 024.66	297 328.88	4 567 604.50	8 475 120.46	42° 22' 22.9197"	23° 02' 19.9535"
O60	4 696 256.46	297 153.06	4 567 831.91	8 474 938.97	42° 22' 30.2634"	23° 02' 11.9764"
O61	4 696 384.04	297 140.31	4 567 959.14	8 474 923.08	42° 22' 34.3845"	23° 02' 11.2569"
O62	4 696 503.38	297 087.05	4 568 077.14	8 474 866.89	42° 22' 38.2005"	23° 02' 08.7777"
O63	4 696 563.70	297 001.70	4 568 135.34	8 474 780.07	42° 22' 40.0740"	23° 02' 04.9715"