



[www.3gpp.org](http://www.3gpp.org) / [ftp](#) / [Specs](#) / [archive](#) / [25\\_series](#) / [25.331](#)

| <a href="#">sort by name/desc</a>                                                                                 | <a href="#">sort by date/desc</a> | <a href="#">sort by size/desc</a> |
|-------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
|  <a href="#">25331-100.zip</a>   | 1999/05/05 11:56                  | 165,9 KB                          |
|  <a href="#">25331-110.zip</a>   | 1999/06/28 6:41                   | 197,6 KB                          |
|  <a href="#">25331-300.zip</a>   | 1999/10/18 15:36                  | 850,9 KB                          |
|  <a href="#">25331-310.zip</a>   | 2000/01/14 20:07                  | 962,7 KB                          |
|  <a href="#">25331-320.zip</a>   | 2000/04/06 9:02                   | 1111,5 KB                         |
|  <a href="#">25331-330.zip</a>   | 2000/06/30 15:04                  | 1186,6 KB                         |
|  <a href="#">25331-340.zip</a>   | 2000/10/06 6:49                   | 1446,4 KB                         |
|  <a href="#">25331-341.zip</a>   | 2000/10/06 7:00                   | 1426,9 KB                         |
|  <a href="#">25331-350.zip</a>   | 2000/12/21 8:50                   | 1492,6 KB                         |
|  <a href="#">25331-360.zip</a>   | 2001/03/22 18:01                  | 1486,9 KB                         |
|  <a href="#">25331-370.zip</a>   | 2001/06/20 16:31                  | 1569,5 KB                         |
|  <a href="#">25331-380.zip</a>  | 2001/09/27 4:13                   | 1680,2 KB                         |
|  <a href="#">25331-390.zip</a> | 2001/12/19 3:05                   | 1698,4 KB                         |
|  <a href="#">25331-3a0.zip</a> | 2002/03/25 9:11                   | 1761,5 KB                         |
|  <a href="#">25331-3b0.zip</a> | 2002/06/12 21:10                  | 1769,8 KB                         |
|  <a href="#">25331-3c0.zip</a> | 2002/09/17 20:42                  | 1795,3 KB                         |
|  <a href="#">25331-3d0.zip</a> | 2003/01/09 13:35                  | 1826,9 KB                         |
|  <a href="#">25331-3e0.zip</a> | 2003/03/25 9:19                   | 1913,5 KB                         |
|  <a href="#">25331-3f0.zip</a> | 2003/06/19 13:18                  | 1915,6 KB                         |
|  <a href="#">25331-3g0.zip</a> | 2003/10/02 12:06                  | 1923,3 KB                         |
|  <a href="#">25331-3h0.zip</a> | 2004/01/04 20:38                  | 1924,4 KB                         |
|  <a href="#">25331-3i0.zip</a> | 2004/03/23 14:24                  | 1930,1 KB                         |
|  <a href="#">25331-3j0.zip</a> | 2004/06/22 11:49                  | 2046,8 KB                         |
|  <a href="#">25331-3k0.zip</a> | 2004/09/23 8:23                   | 2184,6 KB                         |
|  <a href="#">25331-3l0.zip</a> | 2004/12/20 16:57                  | 2029,6 KB                         |
|  <a href="#">25331-400.zip</a> | 2001/04/04 5:41                   | 1551,3 KB                         |
|  <a href="#">25331-410.zip</a> | 2001/06/27 8:50                   | 1630 KB                           |
|  <a href="#">25331-420.zip</a> | 2001/10/08 7:36                   | 1701,4 KB                         |

|                                                                                                   |                  |           |
|---------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-421.zip   | 2001/10/16 9:10  | 1740,1 KB |
|  25331-430.zip   | 2002/01/18 15:00 | 1783,9 KB |
|  25331-440.zip   | 2002/03/25 9:11  | 1845 KB   |
|  25331-450.zip   | 2002/06/20 14:57 | 1842 KB   |
|  25331-460.zip   | 2002/09/19 19:38 | 1764,1 KB |
|  25331-470.zip   | 2002/09/23 7:21  | 1890,7 KB |
|  25331-480.zip   | 2003/01/29 18:11 | 1909,8 KB |
|  25331-490.zip   | 2003/03/25 17:40 | 2008 KB   |
|  25331-4a0.zip   | 2003/06/23 14:23 | 2017 KB   |
|  25331-4b0.zip   | 2003/10/02 12:07 | 2021,1 KB |
|  25331-4c0.zip   | 2004/01/12 8:54  | 2029,5 KB |
|  25331-4d0.zip   | 2004/03/23 14:57 | 2040 KB   |
|  25331-4e0.zip   | 2004/06/28 12:20 | 2186 KB   |
|  25331-4f0.zip   | 2004/09/23 9:51  | 2159,2 KB |
|  25331-4g0.zip   | 2004/12/20 16:58 | 2151,4 KB |
|  25331-4h0.zip  | 2005/03/24 12:29 | 2308,5 KB |
|  25331-4i0.zip | 2007/12/21 14:28 | 2098,1 KB |
|  25331-4j0.zip | 2008/06/17 7:18  | 2237,3 KB |
|  25331-4k0.zip | 2008/12/17 9:40  | 2146,3 KB |
|  25331-4l0.zip | 2011/12/22 18:31 | 2203 KB   |
|  25331-500.zip | 2002/04/04 6:59  | 1862,9 KB |
|  25331-510.zip | 2002/06/21 8:23  | 1890,5 KB |
|  25331-520.zip | 2002/10/01 9:20  | 1924,4 KB |
|  25331-530.zip | 2003/02/02 21:38 | 2005,7 KB |
|  25331-540.zip | 2003/03/27 9:18  | 2110,9 KB |
|  25331-550.zip | 2003/06/24 15:52 | 2129,6 KB |
|  25331-560.zip | 2003/10/02 12:08 | 2136,1 KB |
|  25331-570.zip | 2004/01/12 8:55  | 2077,8 KB |
|  25331-571.zip | 2004/01/20 10:03 | 2081,1 KB |
|  25331-580.zip | 2004/03/26 20:02 | 2100,2 KB |
|  25331-590.zip | 2004/07/01 13:43 | 2480,8 KB |
|  25331-5a0.zip | 2004/09/24 14:11 | 2329,8 KB |

|                                                                                                   |                  |           |
|---------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-5b0.zip   | 2004/12/20 16:59 | 2343,7 KB |
|  25331-5c0.zip   | 2005/03/24 13:08 | 2281,2 KB |
|  25331-5c1.zip   | 2005/03/30 8:11  | 2339,6 KB |
|  25331-5d0.zip   | 2005/06/27 16:33 | 2484,2 KB |
|  25331-5e0.zip   | 2005/10/12 17:56 | 2313,9 KB |
|  25331-5f0.zip   | 2005/12/20 12:22 | 2453,4 KB |
|  25331-5g0.zip   | 2006/04/03 15:34 | 2454,3 KB |
|  25331-5h0.zip   | 2006/06/22 19:53 | 2427,6 KB |
|  25331-5i0.zip   | 2006/10/20 8:54  | 2436,6 KB |
|  25331-5j0.zip   | 2006/12/21 13:27 | 2220,1 KB |
|  25331-5k0.zip   | 2007/10/23 14:28 | 2223,7 KB |
|  25331-5l0.zip   | 2007/12/21 14:29 | 2223,6 KB |
|  25331-5m0.zip   | 2008/06/17 7:18  | 2251,8 KB |
|  25331-5m1.zip   | 2008/08/05 7:59  | 2117,6 KB |
|  25331-5n0.zip   | 2008/12/17 9:40  | 2228,1 KB |
|  25331-5o0.zip   | 2009/06/18 6:13  | 2253,9 KB |
|  25331-5p0.zip | 2011/12/22 18:32 | 2277 KB   |
|  25331-600.zip | 2004/01/12 14:22 | 2076,5 KB |
|  25331-601.zip | 2004/01/20 10:03 | 2081,8 KB |
|  25331-610.zip | 2004/03/29 8:42  | 2106,2 KB |
|  25331-620.zip | 2004/07/02 7:59  | 2322,7 KB |
|  25331-630.zip | 2004/09/27 13:10 | 2337 KB   |
|  25331-640.zip | 2004/12/20 17:00 | 2474,3 KB |
|  25331-650.zip | 2005/03/28 12:37 | 2537 KB   |
|  25331-660.zip | 2005/06/29 12:47 | 2739,6 KB |
|  25331-670.zip | 2005/10/12 18:01 | 2631,4 KB |
|  25331-680.zip | 2005/12/21 10:41 | 2537,7 KB |
|  25331-690.zip | 2006/04/03 14:17 | 2601,8 KB |
|  25331-6a0.zip | 2006/06/22 20:00 | 2897 KB   |
|  25331-6b0.zip | 2006/10/19 15:01 | 2679,3 KB |
|  25331-6c0.zip | 2006/12/21 13:27 | 2803,2 KB |
|  25331-6d0.zip | 2007/03/28 14:45 | 2777,2 KB |

|                                                                                                   |                  |           |
|---------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-6e0.zip   | 2007/07/24 14:18 | 2783 KB   |
|  25331-6f0.zip   | 2007/10/23 14:28 | 2576,1 KB |
|  25331-6g0.zip   | 2008/01/03 13:26 | 2793,6 KB |
|  25331-6h0.zip   | 2008/04/03 7:24  | 2577,6 KB |
|  25331-6i0.zip   | 2008/06/25 11:18 | 2803,3 KB |
|  25331-6i1.zip   | 2008/08/05 7:59  | 2298,1 KB |
|  25331-6j0.zip   | 2008/09/19 11:55 | 2373,1 KB |
|  25331-6k0.zip   | 2008/12/17 9:41  | 2563,3 KB |
|  25331-6l0.zip   | 2009/03/16 7:56  | 2632,1 KB |
|  25331-6m0.zip   | 2009/06/18 9:05  | 2573,7 KB |
|  25331-6n0.zip   | 2009/09/28 9:29  | 2593,4 KB |
|  25331-6o0.zip   | 2010/01/09 16:36 | 2620,3 KB |
|  25331-6p0.zip   | 2010/04/20 9:03  | 2620,9 KB |
|  25331-6q0.zip   | 2011/12/22 18:34 | 2632,7 KB |
|  25331-700.zip   | 2006/04/07 15:11 | 2873,4 KB |
|  25331-710.zip   | 2006/06/23 13:18 | 2903,6 KB |
|  25331-720.zip | 2006/10/19 15:41 | 2720,9 KB |
|  25331-730.zip | 2006/12/21 13:27 | 2855,8 KB |
|  25331-740.zip | 2007/04/06 19:30 | 2737,8 KB |
|  25331-750.zip | 2007/07/31 12:59 | 2920,3 KB |
|  25331-760.zip | 2007/10/23 14:28 | 2939,6 KB |
|  25331-770.zip | 2008/01/03 13:26 | 2934,6 KB |
|  25331-780.zip | 2008/03/28 9:58  | 3014,1 KB |
|  25331-790.zip | 2008/07/10 13:30 | 3032,1 KB |
|  25331-791.zip | 2008/08/04 13:11 | 2850,2 KB |
|  25331-7a0.zip | 2008/09/19 11:55 | 2912,1 KB |
|  25331-7b0.zip | 2009/01/05 8:52  | 3017,3 KB |
|  25331-7c0.zip | 2009/04/03 13:53 | 2751,3 KB |
|  25331-7c1.zip | 2009/04/06 11:30 | 2927,1 KB |
|  25331-7d0.zip | 2009/06/24 8:51  | 3310,4 KB |
|  25331-7e0.zip | 2009/09/29 7:09  | 3039,9 KB |
|  25331-7f0.zip | 2010/01/18 9:29  | 2962,7 KB |

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|---------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-7g0.zip   | 2010/04/21 7:57  | 3038,6 KB |
|  25331-7h0.zip   | 2010/06/17 15:27 | 3046,5 KB |
|  25331-7i0.zip   | 2010/10/06 0:31  | 3039,7 KB |
|  25331-7j0.zip   | 2011/03/28 12:30 | 3121,6 KB |
|  25331-7k0.zip   | 2011/06/27 2:37  | 3035,9 KB |
|  25331-7l0.zip   | 2011/12/22 18:36 | 3166,9 KB |
|  25331-7m0.zip   | 2012/03/15 21:23 | 2997,9 KB |
|  25331-7n0.zip   | 2013/01/02 0:19  | 2999,2 KB |
|  25331-7o0.zip   | 2013/12/29 12:30 | 3000,5 KB |
|  25331-7p0.zip   | 2014/07/02 10:33 | 2374,6 KB |
|  25331-800.zip   | 2007/10/23 14:28 | 3192,5 KB |
|  25331-810.zip   | 2008/01/28 9:33  | 3189,8 KB |
|  25331-820.zip   | 2008/04/20 9:58  | 3023,2 KB |
|  25331-830.zip   | 2008/07/10 14:18 | 3070 KB   |
|  25331-831.zip   | 2008/08/04 12:52 | 2766,3 KB |
|  25331-840.zip   | 2008/09/22 14:04 | 3024 KB   |
|  25331-850.zip | 2009/01/05 8:52  | 3200 KB   |
|  25331-860.zip | 2009/03/19 19:19 | 2822,7 KB |
|  25331-870.zip | 2009/06/24 8:51  | 3192,3 KB |
|  25331-880.zip | 2009/09/29 7:09  | 3354 KB   |
|  25331-890.zip | 2010/04/12 13:21 | 3080,7 KB |
|  25331-8a0.zip | 2010/04/06 14:03 | 3495,2 KB |
|  25331-8b0.zip | 2010/06/17 16:41 | 3465 KB   |
|  25331-8c0.zip | 2010/10/06 0:32  | 3461 KB   |
|  25331-8d0.zip | 2011/01/06 11:38 | 3472,2 KB |
|  25331-8e0.zip | 2011/03/28 12:40 | 3555,8 KB |
|  25331-8f0.zip | 2011/06/29 22:58 | 3465,5 KB |
|  25331-8g0.zip | 2011/10/06 13:47 | 3468,9 KB |
|  25331-8h0.zip | 2011/12/22 16:55 | 3481,8 KB |
|  25331-8i0.zip | 2012/03/15 21:29 | 3746,1 KB |
|  25331-8j0.zip | 2012/06/26 21:29 | 3848,2 KB |
|  25331-8k0.zip | 2012/09/21 0:50  | 3473,1 KB |

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|---------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-8l0.zip   | 2013/01/02 0:21  | 3491 KB   |
|  25331-8m0.zip   | 2013/03/16 12:46 | 3776,3 KB |
|  25331-8n0.zip   | 2013/06/29 18:27 | 3772,3 KB |
|  25331-8o0.zip   | 2013/12/29 12:31 | 3775,8 KB |
|  25331-8p0.zip   | 2014/07/02 10:33 | 2583,6 KB |
|  25331-900.zip   | 2009/09/29 16:38 | 3096,1 KB |
|  25331-910.zip   | 2010/01/18 9:30  | 3330,6 KB |
|  25331-920.zip   | 2010/04/28 14:56 | 3781,1 KB |
|  25331-921.zip   | 2010/04/29 7:02  | 3686,2 KB |
|  25331-930.zip   | 2010/06/17 19:27 | 3396,8 KB |
|  25331-940.zip   | 2010/10/06 0:32  | 3407,1 KB |
|  25331-950.zip   | 2011/01/06 12:02 | 3476,7 KB |
|  25331-960.zip   | 2011/03/28 14:01 | 3512,7 KB |
|  25331-970.zip   | 2011/07/01 10:10 | 3710,2 KB |
|  25331-980.zip   | 2011/10/03 8:14  | 3826,9 KB |
|  25331-990.zip   | 2011/12/22 16:57 | 3829,6 KB |
|  25331-9a0.zip | 2012/03/15 21:40 | 4072,2 KB |
|  25331-9b0.zip | 2012/10/25 18:52 | 4118,4 KB |
|  25331-9c0.zip | 2012/10/25 19:19 | 3908,2 KB |
|  25331-9d0.zip | 2013/01/02 0:24  | 3954,6 KB |
|  25331-9e0.zip | 2013/03/16 12:39 | 4159 KB   |
|  25331-9f0.zip | 2013/07/03 11:49 | 4159,9 KB |
|  25331-9g0.zip | 2013/09/14 18:18 | 4152,8 KB |
|  25331-9h0.zip | 2014/01/06 11:37 | 3906,3 KB |
|  25331-9i0.zip | 2014/07/02 10:33 | 2692 KB   |
|  25331-9j0.zip | 2014/09/16 10:59 | 2699,5 KB |
|  25331-a00.zip | 2010/06/17 20:31 | 3401,3 KB |
|  25331-a10.zip | 2010/10/01 9:53  | 3465 KB   |
|  25331-a20.zip | 2011/01/06 16:59 | 3797,7 KB |
|  25331-a30.zip | 2011/04/01 10:55 | 3578,5 KB |
|  25331-a31.zip | 2011/04/11 12:03 | 3588,6 KB |
|  25331-a40.zip | 2012/10/25 19:30 | 3567,8 KB |

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|---------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-a50.zip   | 2012/10/25 19:46 | 3584,6 KB |
|  25331-a60.zip   | 2012/10/25 19:44 | 3623 KB   |
|  25331-a70.zip   | 2012/10/25 19:49 | 3579,3 KB |
|  25331-a80.zip   | 2012/10/25 19:52 | 3601,3 KB |
|  25331-a90.zip   | 2012/10/25 20:54 | 3628 KB   |
|  25331-aa0.zip   | 2013/01/02 0:25  | 3622,4 KB |
|  25331-ab0.zip   | 2013/03/19 13:15 | 3831,8 KB |
|  25331-ac0.zip   | 2013/06/29 19:06 | 3840,7 KB |
|  25331-ad0.zip   | 2013/09/15 22:08 | 3838,5 KB |
|  25331-ae0.zip   | 2014/01/07 17:54 | 3650 KB   |
|  25331-af0.zip   | 2014/03/18 13:26 | 3817,9 KB |
|  25331-ag0.zip   | 2014/07/07 14:55 | 2863,1 KB |
|  25331-ah0.zip   | 2014/09/18 7:39  | 2863 KB   |
|  25331-ai0.zip   | 2014/12/19 11:16 | 2853,3 KB |
|  25331-aj0.zip   | 2015/03/23 10:11 | 2855,7 KB |
|  25331-ak0.zip   | 2016/07/03 16:25 | 2880,8 KB |
|  25331-b00.zip  | 2012/01/03 14:52 | 3629,4 KB |
|  25331-b10.zip | 2012/03/16 8:39  | 3617 KB   |
|  25331-b20.zip | 2012/07/10 8:00  | 3716,9 KB |
|  25331-b30.zip | 2012/09/25 13:44 | 3862,7 KB |
|  25331-b40.zip | 2012/12/21 20:19 | 4147,3 KB |
|  25331-b50.zip | 2013/03/16 22:17 | 4012,1 KB |
|  25331-b60.zip | 2013/07/03 16:35 | 4122,9 KB |
|  25331-b70.zip | 2013/09/18 17:16 | 4174,2 KB |
|  25331-b80.zip | 2014/01/06 11:35 | 4143,2 KB |
|  25331-b90.zip | 2014/03/20 13:16 | 4179,6 KB |
|  25331-ba0.zip | 2014/07/07 14:55 | 3048,2 KB |
|  25331-bb0.zip | 2014/09/18 7:39  | 3056,5 KB |
|  25331-bc0.zip | 2014/12/19 16:13 | 3050,1 KB |
|  25331-bd0.zip | 2015/03/23 10:11 | 3088,9 KB |
|  25331-be0.zip | 2015/06/30 22:20 | 3054,7 KB |
|  25331-bf0.zip | 2015/12/17 7:00  | 3055,1 KB |

|                                                                                                        |                  |           |
|--------------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-bg0.zip        | 2016/03/31 20:46 | 3085,5 KB |
|  25331-bh0.zip        | 2016/07/03 16:26 | 3088,6 KB |
|  25331-bi0.zip        | 2018/01/17 10:33 | 3048,4 KB |
|  25331-c00.zip        | 2014/01/06 11:32 | 4206,5 KB |
|  25331-c10.zip        | 2014/03/20 13:16 | 4208,1 KB |
|  25331-c20.zip        | 2014/07/07 14:55 | 3112,2 KB |
|  25331-c30.zip        | 2014/09/22 9:39  | 3196,3 KB |
|  25331-c40.zip        | 2014/12/22 23:08 | 3228,8 KB |
|  25331-c50.zip        | 2015/03/25 15:58 | 3224,1 KB |
|  25331-c50_README.txt | 2015/04/08 9:19  | 1,5 KB    |
|  25331-c60.zip        | 2015/06/30 22:46 | 3280,9 KB |
|  25331-c70.zip        | 2015/09/17 17:40 | 3227 KB   |
|  25331-c80.zip        | 2015/12/21 10:09 | 3270,7 KB |
|  25331-c90.zip        | 2016/03/31 20:48 | 3237,6 KB |
|  25331-ca0.zip        | 2016/07/03 16:27 | 3241,2 KB |
|  25331-cb0.zip        | 2016/10/05 8:16  | 3242 KB   |
|  25331-cc0.zip      | 2016/12/30 0:32  | 3278,6 KB |
|  25331-cd0.zip      | 2017/03/21 10:26 | 3194,9 KB |
|  25331-ce0.zip      | 2017/09/26 12:57 | 3141 KB   |
|  25331-cf0.zip      | 2018/01/17 9:34  | 3166,1 KB |
|  25331-d00.zip      | 2015/09/24 8:09  | 3234,6 KB |
|  25331-d10.zip      | 2016/01/06 10:42 | 3285 KB   |
|  25331-d20.zip      | 2016/03/31 20:51 | 3263,1 KB |
|  25331-d30.zip      | 2016/07/07 9:23  | 3303,3 KB |
|  25331-d40.zip      | 2016/10/05 13:45 | 3304,8 KB |
|  25331-d50.zip      | 2016/12/30 0:34  | 3324,9 KB |
|  25331-d60.zip      | 2017/03/21 10:26 | 3219,8 KB |
|  25331-d70.zip      | 2017/09/26 15:39 | 3158,2 KB |
|  25331-d80.zip      | 2018/01/17 9:32  | 3194,8 KB |
|  25331-e00.zip      | 2016/10/05 13:46 | 3354,7 KB |
|  25331-e10.zip      | 2016/12/30 0:51  | 3323 KB   |
|  25331-e20.zip      | 2017/03/21 10:27 | 3273,4 KB |

|                                                                                                          |                  |           |
|----------------------------------------------------------------------------------------------------------|------------------|-----------|
|  25331-e30.zip          | 2017/06/23 23:21 | 3291 KB   |
|  25331-e40.zip          | 2017/09/26 16:11 | 3225 KB   |
|  25331-e50.zip          | 2018/01/17 9:29  | 3256,1 KB |
|  25331-f00.zip          | 2017/09/26 17:01 | 3233,7 KB |
|  25331-f10.zip          | 2018/01/15 13:13 | 3279,4 KB |
|  25331-f20.zip          | 2018/04/03 8:14  | 3236 KB   |
|  25331-f30.zip          | 2018/06/23 9:59  | 3259 KB   |
|  25331-f40.zip          | 2018/09/21 18:27 | 3280,5 KB |
|  25331-g00.zip          | 2020/04/02 20:02 | 3436,3 KB |
|  25331-g10.zip          | 2020/10/09 15:37 | 3479,5 KB |
|  25331-h00.zip          | 2022/04/09 18:02 | 3479,6 KB |
|  25331-h10.zip          | 2022/07/03 5:50  | 3537,6 KB |
|  25331d310.zip          | 1999/12/29 9:48  | 1021,5 KB |
|  25331vIntermediate.zip | 1999/11/19 8:57  | 845,7 KB  |
|  25331_readme.txt       | 2014/10/07 15:23 | 1 KB      |

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267 items.