

DVB-T BIT RATE

Useful bit rate (Mbit/s) for non-hierarchical DVB-T system

Valid for 2K & 8K and apply for 188bytes DVB packets

Modulation	FEC Code rate	Channel bandwidth											
		8 MHz				7 MHz				6 MHz			
		Guard interval				Guard interval				Guard interval			
		$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{4}$	$\frac{1}{8}$	$\frac{1}{16}$	$\frac{1}{32}$
QPSK	$\frac{1}{2}$	4.98	5.53	5.85	6.03	4.36	4.84	5.12	5.28	3.74	4.15	4.39	4.52
	$\frac{2}{3}$	6.64	7.37	7.81	8.04	5.81	6.45	6.83	7.04	4.98	5.53	5.86	6.03
	$\frac{3}{4}$	7.46	8.29	8.78	9.05	6.53	7.25	7.68	7.92	5.60	6.22	6.59	6.79
	$\frac{5}{6}$	8.29	9.22	9.76	10.05	7.25	8.07	8.54	8.79	6.22	6.92	7.32	7.54
	$\frac{7}{8}$	8.71	9.68	10.25	10.56	7.62	8.47	8.97	9.24	6.53	7.26	7.69	7.92
16-QAM	$\frac{1}{2}$	9.95	11.06	11.71	12.06	8.71	9.68	10.25	10.55	7.46	8.30	8.78	9.05
	$\frac{2}{3}$	13.27	14.75	15.61	16.09	11.61	12.91	13.66	14.08	9.95	11.06	11.71	12.07
	$\frac{3}{4}$	14.93	16.59	17.56	18.10	13.06	14.52	15.37	15.84	11.20	12.44	13.17	13.58
	$\frac{5}{6}$	16.59	18.43	19.52	20.11	14.52	16.13	17.08	17.60	12.44	13.82	14.64	15.08
	$\frac{7}{8}$	17.42	19.35	20.49	21.11	15.24	16.93	17.93	18.47	13.07	14.51	15.37	15.83
64-QAM	$\frac{1}{2}$	14.93	16.59	17.56	18.10	13.06	14.52	15.37	15.84	11.20	12.44	13.17	13.58
	$\frac{2}{3}$	19.91	22.12	23.42	24.13	17.42	19.36	20.49	21.11	14.93	16.59	17.57	18.10
	$\frac{3}{4}$	22.39	24.88	26.35	27.14	19.59	21.77	23.06	23.75	16.79	18.66	19.76	20.36
	$\frac{5}{6}$	24.88	27.65	29.27	30.16	21.77	24.19	25.61	26.39	18.66	20.74	21.95	22.62
	$\frac{7}{8}$	26.13	29.03	30.74	31.67	22.86	25.40	26.90	27.71	19.60	21.77	23.06	23.75

