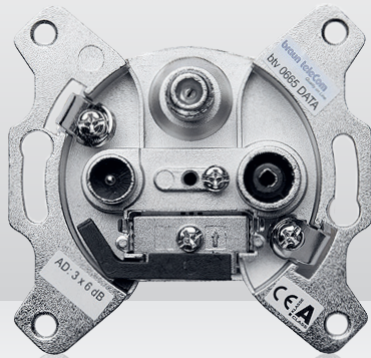
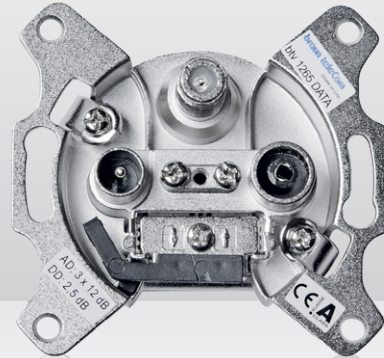


3-port multimedia antenna outlets with 5 – 65 MHz return path



21900000
btv-0665-DATA



21920001
btv-1265-DATA-IM



Parameter	Frequency [MHz]	End outlet		Loop-through outlets				
		btv-0665-DATA	btv-1165-DATA-IM	btv-1265-DATA-IM	btv-1465-DATA	btv-1565-DATA	btv-1765-DATA	btv-1965-DATA
IN – OUT	5 – 65	–	3,8 ± 0,8	2,5 ± 0,8	1,8 ± 0,8	2,0 ± 0,8	1,5 ± 0,8	1,0 ± 0,8
	87,5 – 108	–	3,8 ± 0,8	2,5 ± 0,8	1,8 ± 0,8	2,0 ± 0,8	1,5 ± 0,8	1,0 ± 0,8
	109 – 1.006	–	3,8 ± 0,8	2,5 ± 0,8	1,8 ± 0,8	2,0 ± 0,8	1,5 ± 0,8	1,0 ± 0,8
TV	5 – 65	60 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.
	87,5 – 108	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	109 – 1.006	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
Radio	5 – 65	60 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.
	87,5 – 108	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	109 – 1.006	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
DATA	5 – 65	6,5 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	87,5 – 108	6,5 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	109 – 1.006	6,5 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
IN – OUT	5 – 65	–	3,8 ± 0,8	2,5 ± 0,8	1,8 ± 0,8	2,0 ± 0,8	1,5 ± 0,8	1,0 ± 0,8
	84 – 470	–	3,8 ± 0,8	2,5 ± 0,8	1,8 ± 0,8	2,0 ± 0,8	1,5 ± 0,8	1,0 ± 0,8
	470 – 1.006	–	3,8 ± 0,8	2,5 ± 0,8	1,8 ± 0,8	2,0 ± 0,8	1,5 ± 0,8	1,0 ± 0,8
IN – DATA	5 – 65	6,5 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	84 – 470	6,5 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	470 – 1.006	6,5 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
IN – TV	5 – 65	60 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.
	84 – 470	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	470 – 1.006	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
IN – Radio	5 – 65	60 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.	60,0 typ.
	84 – 470	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
	470 – 1.006	6,0 ± 1,0	10,0 ± 1,0	12,0 ± 1,0	14,0 ± 1,0	15,5 ± 1,0	17,0 ± 1,0	19,0 ± 1,0
DATA – TV	5 – 65	> 70	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70
	84 – 300	≥ 30	≥ 36	≥ 42	≥ 42	≥ 42	≥ 42	≥ 42
	300 – 862	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36
DATA – Radio	5 – 65	> 30	≥ 36	≥ 42	≥ 42	≥ 42	≥ 42	≥ 42
	84 – 862	> 30	≥ 36	≥ 42	≥ 42	≥ 42	≥ 42	≥ 42
	300 – 862	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36	≥ 36
TV – Radio	87,5 – 1.006	> 25	≥ 25	≥ 25	≥ 25	≥ 20	≥ 20	≥ 20
	5 – 65	–	≥ 35	≥ 30	≥ 35	≥ 40	≥ 40	≥ 40
	84 – 300	–	≥ 30	≥ 30	≥ 30	≥ 32	≥ 32	≥ 32
OUT – DATA	300 – 862	–	≥ 26	≥ 30	≥ 30	≥ 26	≥ 30	≥ 30
	862 – 1.006	–	≥ 26	≥ 26	≥ 26	≥ 26	≥ 26	≥ 26
	5 – 65	–	≥ 65	≥ 65	≥ 65	≥ 65	≥ 65	≥ 65
OUT – TV	84 – 862	–	≥ 30	≥ 30	≥ 30	≥ 32	≥ 32	≥ 32
	862 – 1.006	–	≥ 25	≥ 30	≥ 30	≥ 32	≥ 32	≥ 32
	5 – 65	–	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70	≥ 70
OUT – Radio	84 – 862	–	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30
	862 – 1.006	–	≥ 25	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30
	5 – 10	> 14	> 14	> 14	> 14	> 14	> 14	> 14
Return loss [dB]	10 – 1.006	> 18*	> 18*	> 18*	> 18*	> 18*	> 18*	> 18*
	DATA	> 18*	> 18*	> 18*	> 18*	> 18*	> 18*	> 18*
	TV	84 – 1.006	> 14,0**	> 14,0**	> 14,0**	> 14,0**	> 14,0**	> 14,0**
Radio	84 – 1.006	> 10,0	> 10	> 10	> 10	> 14,0**	> 14,0**	> 14,0**
Order No.		21900000	21910001	21920001	21930000	21930015	21930017	21930019

- Special DATA-port (F-female) for the separate connection of a cable modem
- TV- and RF-ports designed as broadband ports with equal through loss on TV and RF
- Very high isolation between TV and DATA to avoid influences of TV-IF frequency by ingress of reverse signals
- Galvanic isolation protection against hum modulation and leakage currents (inner conductors only)
- Screening according EN 50083-2 Class A:
 - > 85 dB (5 – 300 MHz),
 - > 80 dB (300 – 470 MHz),
 - > 75 dB (470 – 862 MHz)
- Cover plate SAD-155, 80 x 80 mm, color Pure white RAL 9010, will be delivered together with the multimedia outlets (Order No. 22080600)
- Surface-mount frame SAD 165, 80 x 80 x 33 mm, color Pure white RAL 9010, for multimedia outlets (Order No. 22080800)

* f = 40 MHz -1,5 dB/Oct.
** f = 109 MHz -1,5 dB/Oct.