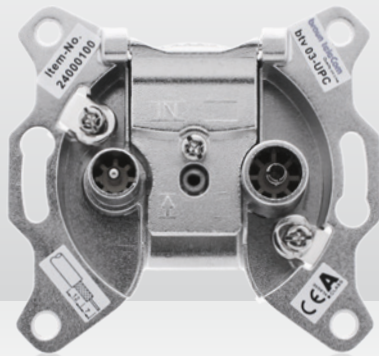
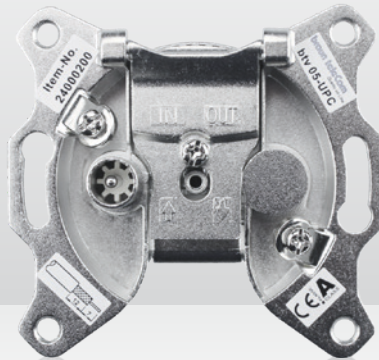


1-port and 2-port broadband antenna outlets up to 2 GHz



24000100
btv-03-UPC



24000200
btv-05-UPC



- All outlets with broadband ports 5 – 2.000 MHz
- Intermodulation resistant according to EN 60728-4
- High screening according to Class A +10 dB
- Clamp technology for inner conductor with diameter 0,4 – 1,2 mm
- Surface coated with CuSn white bronze plating, thereby corrosion resistant
- Suitable for coax cables with diameter 4,1 – 7,2 mm

- 7 versions with 1-port and 2-port as well as with IEC- and F-connections available
- Cover plate SAD-03, color Pure white RAL 9010, with removable blind cap at the radio-port (Order No. 24100701)
- Surface-mount frame SAD-165, 80 x 80 x 33 mm, color Pure white RAL 9010, for multimedia outlets (Order No. 22080800)

Parameter	Frequency [MHz]	Terminal type			Loop-through type			
		btv-01-UPC	btv-03-UPC	btv-04-A	btv-05-UPC	btv-06-UPC	btv-07-UPC	
Through loss [dB]	IN – OUT	5 – 12	–	–	–	4,0 ± 0,3	4,0 ± 0,3	4,0 ± 0,3
		12 – 470	–	–	–	3,7 ± 0,4	3,7 ± 0,4	3,7 ± 0,4
		470 – 1.006	–	–	–	4,0 ± 0,4	4,0 ± 0,4	4,0 ± 0,4
		1.006 – 1.700	–	–	–	4,6 ± 0,5	4,6 ± 0,5	4,6 ± 0,5
		1.700 – 2.000	–	–	–	5,2 ± 0,8	5,2 ± 0,8	5,2 ± 0,8
Tap loss [dB] ⁽³⁾	IN – PORT 1	5 – 12	0,2 ± 0,2	4,0 ± 0,3	4,0 ± 0,3	4,0 ± 0,3	7,4 ± 0,8	7,4 ± 0,8
		12 – 470	0,2 ± 0,2	3,7 ± 0,4	3,7 ± 0,4	3,7 ± 0,4	7,3 ± 0,8	7,3 ± 0,8
		470 – 1.006	0,2 ± 0,2	4,0 ± 0,4	4,0 ± 0,4	4,0 ± 0,4	8,0 ± 0,8	8,0 ± 0,8
		1.006 – 1.700	0,4 ± 0,2	4,6 ± 0,5	4,6 ± 0,5	4,6 ± 0,5	9,0 ± 1,0	9,0 ± 1,0
		1.700 – 2.000	0,5 ± 0,3	5,2 ± 0,8	5,2 ± 0,8	5,2 ± 0,8	10,0 ± 1,5	10,0 ± 1,5
IN – PORT 2	5 – 12	–	4,0 ± 0,3	4,0 ± 0,3	–	7,4 ± 0,8	7,4 ± 0,8	
	12 – 470	–	3,7 ± 0,4	3,7 ± 0,4	–	7,3 ± 0,8	7,3 ± 0,8	
	470 – 1.006	–	4,0 ± 0,4	4,0 ± 0,4	–	8,0 ± 0,8	8,0 ± 0,8	
	1.006 – 1.700	–	4,6 ± 0,5	4,6 ± 0,5	–	9,0 ± 1,0	9,0 ± 1,0	
	1.700 – 2.000	–	5,2 ± 0,8	5,2 ± 0,8	–	10,0 ± 1,5	10,0 ± 1,5	
Isolation [dB] ⁽⁴⁾	PORT – PORT	5 – 12	–	25	25	–	25	25
		12 – 470	–	30	30	–	30	30
		470 – 1.006	–	25	25	–	25	25
		1.006 – 1.700	–	20	20	–	20	20
		1.700 – 2.000	–	15	15	–	15	15
OUT – PORT	5 – 12	–	–	–	25	25	25	
	12 – 470	–	–	–	30	30	30	
	470 – 1.006	–	–	–	25	25	25	
	1.006 – 1.700	–	–	–	20	20	20	
	1.700 – 2.000	–	–	–	15	15	15	
Return loss [dB]	ALL	5 – 12	≥ 16	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14
		12 – 300	≥ 20	≥ 16	≥ 16	≥ 16	≥ 16	≥ 16
		300 – 1.006	≥ 18	≥ 16	≥ 16	≥ 16	≥ 16	≥ 16
		1.006 – 1.700	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14
		1.700 – 2.000	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
MoCA reduces isolation ⁽¹⁾ (dB max)	1.200 – 1.625	–	20	20	22	22	22	
Intermodulation ⁽²⁾ (dBμV min)		115	115	115	115	115	115	
IEC-male TV		Yes	Yes	–	Yes	Yes	–	
IEC-female radio		–	Yes	–	–	Yes	–	
Amount F-females		–	–	2	–	–	2	
Order No.		24000000	24000100	24000152	24000200	24000250	24000260	

⁽¹⁾ With open input (accordant POE-Filter)

⁽²⁾ With test signals P = 60 MHz, Q = 65 MHz applied at DATA, TV OUT respectively, intermodulation distortion level is ≤ 15 dBuV at 2 P = 120 MHz, at P + Q = 125 MHz, at 2 Q = 130 MHz

⁽³⁾ These specifications are typical values, the IN-Port attenuation at the cross bands of each mentioned frequency band can exceed or fall below by 0,3 dB max. in mass production.

⁽⁴⁾ These specifications are typical values, the Port-Port isolation at the cross bands of each mentioned frequency band can fall below by 1 dB max. in mass production.

Accessory: btv-01-SET: btv 01-UPC incl. SAD 03 (neutral) as bundle

Order No. 24000002