



TRIAx

connecting the future

Bonita taps & splitters series

Premium DOCSIS 3.1 solution

The 'Bonita' series of taps and splitters is especially designed to connect drop cables in a CATV network distribution cabinet.

The highly robust F-connectors fit the enclosure of the tap or splitter, allowing the connection of thicker trunk cables such as the RG 11 directly onto the device.

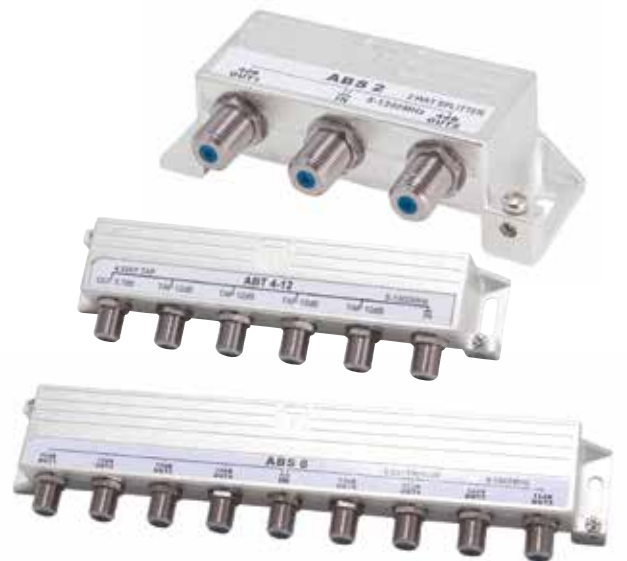
The unique form factor, with all ports in one line and on one side, saves on the space required in the cabinet for cabling, and reduces installation time and effort.

By using compatible brass NiTin cable connectors, you'll never have to fasten the connections again, whatever the temperature and humidity of your environment.

The state of the art RF transmission performance makes your network ready for DOCSIS operation now and in the future.

Your benefits

- No future maintenance costs
- Fits already installed cabinets
- Future proof investment



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Bonita Range, taps & splitters

Premium DOCSIS 3.1 solution

TAP SPECIFICATION

Type	Item no.		TAP Loss IN-TAP (dB)	Insertion loss IN-OUT Max. (dB)				Isolation TAP-OUT Min (dB)				Isolation TAP-TAP Min (dB)			
FREQUENCY RANGE(MHZ)			5-1300	5-470	470- 862	862- 1006	1006- 1300	5-470	470- 862	862- 1006	1006- 1300	5-470	470- 862	862- 1006	1006- 1300
ABT 1-6	343160	1-way Tap 6dB	6.6 ±1.2	2.8	3.3	3.5	3.6	22	20	20	20	/	/	/	/
ABT 1-8	343161	1-way Tap 8dB	8.3 ±1.2	2.0	2.6	2.8	3.4	22	20	20	20	/	/	/	/
ABT 1-10	343162	1-way Tap 10dB	10.2 ±1.2	1.4	2.0	2.3	3.1	24	21	20	20	/	/	/	/
ABT 1-12	343163	1-way Tap 12dB	12.1 ±1.2	1.1	1.5	1.7	2.5	24	22	21	20	/	/	/	/
ABT 1-16	343164	1-way Tap 16dB	16.0 ±1.2	0.9	1.1	1.3	2.3	28	23	22	21	/	/	/	/
ABT 1-20	343165	1-way Tap 20dB	20.0 ±1.2	0.9	1.1	1.3	2.3	28	24	22	21	/	/	/	/
ABT 1-24	343166	1-way Tap 24dB	23.9 ±1.2	0.9	1.1	1.3	2.3	28	26	24	21	/	/	/	/
ABT 1-30	343167	1-way Tap 28dB	30.0 ±1.2	0.9	1.1	1.3	2.3	28	27	25	22	/	/	/	/
ABT 2-8	343168	2-way Tap 8dB	8.5 ±1.2	3.7	4.0	4.3	5.4	26	23	21	20	28	25	24	22
ABT 2-10	343169	2-way Tap 10dB	10.2 ±1.2	2.9	3.4	3.6	4.5	26	23	21	20	32	30	28	25
ABT 2-12	343170	2-way Tap 12dB	12.4 ±1.2	1.7	2.1	2.3	2.9	26	23	21	20	34	32	30	25
ABT 2-16	343171	2-way Tap 16dB	16.3 ±1.2	1.5	1.8	2.1	2.7	26	23	22	20	34	34	32	28
ABT 2-20	343172	2-way Tap 20dB	20.0 ±1.2	1.5	1.8	2.1	2.7	28	24	22	20	35	35	33	31
ABT 2-24	343173	2-way Tap 24dB	24.0 ±1.2	1.5	1.8	2.1	2.7	30	25	24	22	35	35	35	34
ABT 2-28	343174	2-way Tap 28dB	28.0 ±1.2	1.5	1.8	2.1	2.7	32	27	26	22	35	35	35	34
ABT 3-16	343175	3-way Tap 16dB	16.1 ±1.2	1.8	2.0	2.2	3.1	24	22	21	20	34	32	32	30
ABT 3-20	343176	3-way Tap 20dB	20.1 ±1.2	1.8	2.0	2.2	3.1	28	22	21	20	34	32	32	30
ABT 4-12T	343186	4-way Tap 12dB ⁽¹⁾	12.4 ±1.5	/	/	/	/	28	22	21	20	34	32	30	28
ABT 4-12	343177	4-way Tap 12dB	12.4 ±1.5	4.5	4.7	5.2	6.1	24	22	20	20	34	32	30	28
ABT 4-16	343178	4-way Tap 16dB	16.2 ±1.5	2.3	2.6	3.6	3.9	24	21	21	20	36	34	32	30
ABT 4-20	343179	4-way Tap 20dB	20.0 ±1.5	2.3	2.6	3.0	3.9	24	21	21	20	38	36	34	32
ABT 4-24	343180	4-way Tap 24dB	24.0 ±1.5	2.3	2.6	3.0	3.9	25	24	22	20	38	36	34	32
ABT 4-28	343181	4-way Tap 28dB	28.0 ±1.5	2.3	2.6	3.0	3.9	25	24	22	20	40	38	36	34
ABT 6-14T	343182	6-way Tap 14dB ⁽¹⁾	14.1 ±1.5	/	/	/	/	/	/	/	/	34	32	30	28
ABT 8-16T	343184	8-way Tap 16dB ⁽¹⁾	15.8 ±1.5	/	/	/	/	/	/	/	/	36	32	30	28

SPLITTER SPECIFICATION

Type	Item no.		Insertion loss IN-OUT Max. (dB)				Isolation OUT-OUT Min (dB)			
FREQUENCY RANGE(MHZ)			5-470	470- 862	862- 1006	1006-1300	5-470	470- 862	862- 1006	1006- 1300
ABS 2	343150	2-way Splitter	3.7	3.9	4.3	4.7	28	23	22	20
ABS 3	343151	3-way Splitter	5.8	6.1	6.5	7.0	25	22	20	18
ABS 4	343152	4-way Splitter	7.1	7.6	8.0	8.7	24	22	20	20
ABS 6	343154	6-way Splitter	9.3	10.0	10.6	11.2	23	20	20	18
ABS 8	343155	8-way Splitter	10.7	11.4	12.0	13.2	24	22	20	20

GENERAL CHARACTERISTICS

Passive intermodulation	EN 60728-4	<15dBµV @ 2 tone 60&65MHz of 120dBµV (after surge 1kV 1,2/50µs)
Return loss	EN 60728-4	Grade 1: 22dB @ 47MHz -1,5dB/oct. but min. 14,5dB
Screening attenuation	EN 50083-2	Class A+10db (95...80 DB)
AC block / Surge immunity	IEC 61000-4-5 class2, level 2	1 kV via inner conductors of the F- connectors
F-connectors	IEC 61169-24	Compliant
	Inner conductor pin	Beryllium Bronze
	Screw socket	Brass, NiTin alloy plated, fixed in enclosure by mechanical restraint device, torque >4,5Nm
	Protection	Weather proofed (by using of weather proofed connectors too)
	Material	Zinc die-cast, Cu-Sn plated
	Bottom plate	Aluminium, sealed by glue
	Protection	IP 67 (water proofed)
Operating temperature		-20°C to +60°C

⁽¹⁾ = Note1: Internally terminated, no OUT port