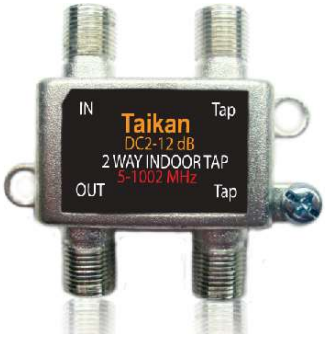
2, 4, & 8 PORT DROP TAPS [DCx-x]

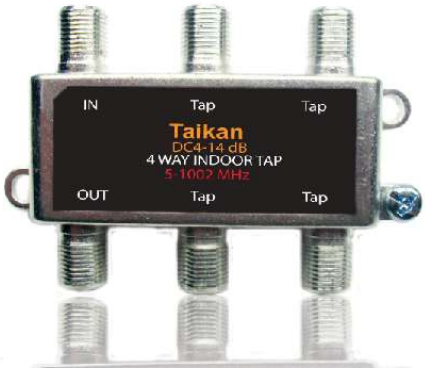
Cable Products - Premise, Drop Passives

TaiTin

Description

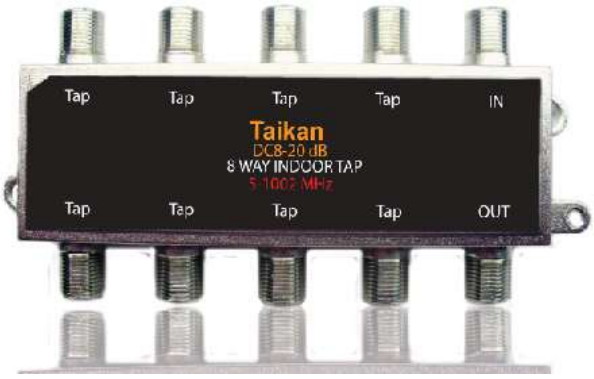
TaiTin's durable drop taps are designed for indoor or outdoor usage. The compact design allows for easy installation and the taps are available in various dB values and horizontal port options. The taps are further complemented with superior RF performance and adhere to leading industry guidelines.





Features

- 5-1002 MHz Bandwidth
- Available in 2, 4, or 8 Way
- Horizontal Housing Style Port Tap
- Zinc Die-cast Housing Tin Plated
- Soldered Back for 120 dB RFI Shielding Effectiveness



Ordering Information

DC [x] - [x]

- [x]: See dB Options Below
- [x]: *2*, *4*, or *8* Port

Model Number	Inner Box	Standard Carton	Carton Weight	dB Values Available
DC2-x	20 pcs	400 pcs	21 kg / 47 lbs	8, 10, 12, 14, 16, 18, 20, 24, 30
DC4-x	20 pcs	400 pcs	22 kg / 49 lbs	10, 12, 14, 16, 18, 20, 24
DC8-x	20 pcs	400 pcs	23 kg / 51 lbs	14, 17, 20, 23, 27

TaiTin
Fl 4-1 No: 31-1 Lane 169 KangNing Street, Xizhi District, New Taipei City, Taiwan 221 // Office: 886-2-2695-7348 // Fax: 886-2-2695-1931
Email: taitin.co@msa.hinet.net // www.taitin.com.tw

2 Port Specifications

Tap Loss (dB)

Frequency	Tolerance	8	10	12	14	16	18	20	24	30
5–65 MHz	± 0.75	8	10	12	14	16	18	20	24	30
65–550 MHz	± 1.0	8	10	12	14	16	18	20	24	30
550–750 MHz	± 1.0	8	10	12	14	16	18	20	24	30
750–1002 MHz	± 1.5	8	10	12	14	16	18	20	24	30

Insertion Loss (dB)

Frequency	Tolerance	8	10	12	14	16	18	20	24	30
5–65 MHz	± 0.25	3.5	2.5	2.0	1.5	1.2	1.0	0.8	0.8	0.8
65–550 MHz	± 0.25	3.8	2.8	2.3	1.8	1.5	1.3	1.0	1.0	1.0
550–750 MHz	± 0.25	3.8	2.8	2.3	1.8	1.5	1.3	1.0	1.0	1.0
750–1002 MHz	± 0.30	4.0	3.2	2.7	2.0	1.8	1.6	1.5	1.2	1.2

Input / Output / Tap Return Loss (dB)

Frequency	Tolerance	8	10	12	14	16	18	20	24	30
5–65 MHz	-1.5	16	16	16	16	16	16	16	16	16
65–550 MHz	-1.5	18	18	18	18	18	18	18	18	18
550–750 MHz	-1.5	18	18	18	18	18	18	18	18	18
750–1002 MHz	-1.5	18	18	18	18	18	18	18	18	18

Tap to Tap Isolation (dB)

Frequency	Tolerance	8	10	12	14	16	18	20	24	30
5–65 MHz	-1.5	20	20	20	20	20	20	20	20	20
65–550 MHz	-1.5	25	25	25	25	25	25	25	25	25
550–750 MHz	-1.5	23	23	23	23	23	23	23	23	23
750–1002 MHz	-1.5	20	20	20	20	20	20	20	20	20

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4 Port Specifications

Tap Loss (dB)

Frequency	Tolerance	10	12	14	16	18	20	24
5–65 MHz	± 0.75	10	12	14	16	18	20	24
65–550 MHz	± 1.0	10	12	14	16	18	20	24
550–750 MHz	± 1.0	10	12	14	16	18	20	24
750–1002 MHz	± 1.5	10	12	14	16	18	20	24

Insertion Loss (dB)

Frequency	Tolerance	10	12	14	16	18	20	24
5–65 MHz	± 0.25	3.8	3.5	2.8	2.2	1.6	1.2	1.0
65–550 MHz	± 0.25	4.2	3.8	3.0	2.5	1.8	1.5	1.0
550–750 MHz	± 0.25	4.2	3.8	3.0	2.5	1.8	1.5	1.2
750–1002 MHz	± 0.30	4.6	4.2	3.5	2.8	2.0	1.8	1.5

Input / Output / Tap Return Loss (dB)

Frequency	Tolerance	10	12	14	16	18	20	24
5–65 MHz	-1.5	16	16	16	16	16	16	16
65–550 MHz	-1.5	18	18	18	18	18	18	18
550–750 MHz	-1.5	18	18	18	18	18	18	18
750–1002 MHz	-1.5	18	18	18	18	18	18	18

Tap to Tap Isolation (dB)

Frequency	Tolerance	10	12	14	16	18	20	24
5–65 MHz	-1.5	20	20	20	20	20	20	20
65–550 MHz	-1.5	25	25	25	25	25	25	25
550–750 MHz	-1.5	23	23	23	23	23	23	23
750–1002 MHz	-1.5	20	20	20	20	20	20	20

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8 Port Specifications

Tap Loss (dB)

Frequency	Tolerance	14	17	20	23	27
5–65 MHz	± 0.75	14	17	20	23	27
65–550 MHz	± 1.0	14	17	20	23	27
550–750 MHz	± 1.0	14	17	20	23	27
750–1002 MHz	± 1.5	14	17	20	23	27

Insertion Loss (dB)

Frequency	Tolerance	14	17	20	23	27
5–65 MHz	± 0.25	3.8	3.0	1.3	1.1	0.8
65–550 MHz	± 0.25	3.9	3.0	1.6	1.3	1.0
550–750 MHz	± 0.25	4.2	3.4	1.8	1.5	1.0
750–1002 MHz	± 0.30	4.5	3.7	2.0	1.7	1.5

Input / Output / Tap Return Loss (dB)

Frequency	Tolerance	14	17	20	23	27
5–65 MHz	-1.5	16	16	16	16	16
65–550 MHz	-1.5	16	16	16	16	16
550–750 MHz	-1.5	16	16	16	16	16
750–1002 MHz	-1.5	14	14	14	14	14

Tap to Tap Isolation (dB)

Frequency	Tolerance	14	17	20	23	27
5–65 MHz	-1.5	20	20	20	20	20
65–550 MHz	-1.5	25	25	25	25	25
550–750 MHz	-1.5	23	23	23	23	23
750–1002 MHz	-1.5	20	20	20	20	20

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