

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

Cable Products - Premise, Drop Passives

Taikan

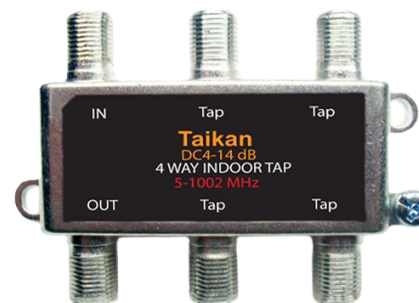
Description

Taikan'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.

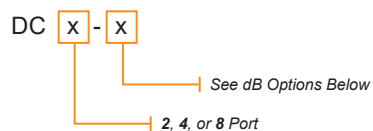


Features

- 5-1218 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



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

Tap Loss (dB)

		Tolerance	8	10	12	14	16	18	20	24	30
Frequency	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)

		Tolerance	8	10	12	14	16	18	20	24	30
Frequency	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)

		Tolerance	8	10	12	14	16	18	20	24	30
Frequency	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)

		Tolerance	8	10	12	14	16	18	20	24	30
Frequency	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

Tap Loss (dB)

		Tolerance	10	12	14	16	18	20	24
Frequency	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)

		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)

		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)

		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

Tap Loss (dB)

		Tolerance	14	17	20	23	27
Frequency	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)

		Tolerance	14	17	20	23	27
Frequency	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)

		Tolerance	14	17	20	23	27
Frequency	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)

		Tolerance	14	17	20	23	27
Frequency	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

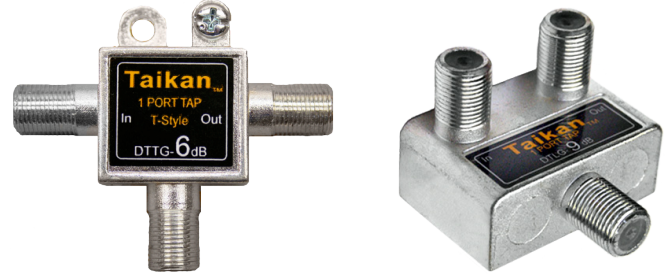
T & L SHAPE TAPS [DTxG1-x]

Cable Products, Drop Passives



Features

- 5–1002 MHz Bandwidth
- “T” or “L” Style One Port Tap
- 6 kV/200A Ring Wave Surge Withstand Capability on Output Ports
- 6 kV/3000A CCombo Wave Surge Withstand Capability on Input Ports
- 6 kV Ring Wave Surge Withstand Capability on All Ports
- Solder Back for 120 dB RFI Shielding Effectiveness
- Tin Plated Zinc Alloy Die-cast Housing for Corrosion Resistance
- Compliant with SCTE Splitter Guidelines
- Operation Temperature of -40 to +60 °C



Tap Loss (dB)

Tolerance: 5-750 MHz ± 1.0 / 751-1002 ± 1.5

	6	9	12	16	20
5–15 MHz	6	9	12	16	20
16-42 MHz	6	9	12	16	20
43-500 MHz	6	9	12	16	20
501-750 MHz	6	9	12	16	20
751-1002 MHz	6	9	12	16	20

Insertion Loss (dB)

	6	9	12	16	20
5–15 MHz	2.5	1.6	1.0	1.0	0.6
16-42 MHz	2.5	1.5	0.8	0.8	0.6
43-500 MHz	2.8	1.8	1.2	0.9	0.9
501-750 MHz	3.0	2.1	1.5	1.3	1.3
751-1002 MHz	3.0	2.1	1.5	1.3	1.3

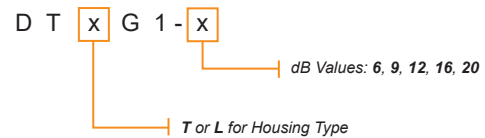
Isolation Out to Out (dB)

	6	9	12	16	20
5–15 MHz	22	25	25	25	30
16-42 MHz	30	30	35	30	30
43-500 MHz	22	25	25	25	25
501-750 MHz	22	25	25	25	25
751-1002 MHz	22	22	22	22	22

Input Return Loss (dB)

	6	9	12	16	20
5–15 MHz	16	20	20	20	20
16-42 MHz	18	20	25	25	25
43-500 MHz	20	20	20	20	20
501-750 MHz	20	20	20	20	20
751-1002 MHz	18	20	20	20	20

Ordering Information



DTxG1-x	T type	L Type
Inner Box	20 pcs	20 pcs
Standard Carton	400 pcs	400 pcs
Carton Weight	13 kg / 29 lbs	20 kg / 44 lbs

Output/Tap Return Loss (dB)

	6	9	12	16	20
5–15 MHz	20	20	20	20	20
16-42 MHz	20	20	25	25	25
43-500 MHz	20	20	20	20	20
501-750 MHz	20	20	20	20	20
751-1002 MHz	18	20	20	20	20

