

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

Cable Products - Premise, Drop Passives

## 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.

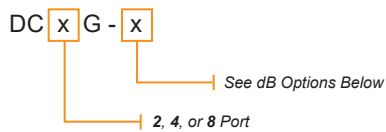


## Features

- 5-1002 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



Model Number	Inner Box	Standard Carton	Carton Weight	dB Values Available
DC2G-x	20 pcs	400 pcs	21 kg / 47 lbs	8, 10, 12, 14, 16, 18, 20, 24, 30
DC4G-x	20 pcs	400 pcs	22 kg / 49 lbs	10, 12, 14, 16, 18, 20, 24
DC8G-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

<b>Tap Loss (dB)</b>		<b>Tolerance</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>24</b>
Frequency	5–65 MHz	$\pm 0.75$	10	12	14	16	18	20	24
	65–550 MHz	$\pm 1.0$	10	12	14	16	18	20	24
	550–750 MHz	$\pm 1.0$	10	12	14	16	18	20	24
	750–1002 MHz	$\pm 1.5$	10	12	14	16	18	20	24

<b>Insertion Loss (dB)</b>		<b>Tolerance</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>24</b>
	5–65 MHz	$\pm 0.25$	3.8	3.5	2.8	2.2	1.6	1.2	1.0
	65–550 MHz	$\pm 0.25$	4.2	3.8	3.0	2.5	1.8	1.5	1.0
	550–750 MHz	$\pm 0.25$	4.2	3.8	3.0	2.5	1.8	1.5	1.2
	750–1002 MHz	$\pm 0.30$	4.6	4.2	3.5	2.8	2.0	1.8	1.5

<b>Input / Output / Tap Return Loss (dB)</b>		<b>Tolerance</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>24</b>
	5–65 MHz	<b>-1.5</b>	16	16	16	16	16	16	16
	65–550 MHz	<b>-1.5</b>	18	18	18	18	18	18	18
	550–750 MHz	<b>-1.5</b>	18	18	18	18	18	18	18
	750–1002 MHz	<b>-1.5</b>	18	18	18	18	18	18	18

<b>Tap to Tap Isolation (dB)</b>		<b>Tolerance</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>20</b>	<b>24</b>
	5–65 MHz	<b>-1.5</b>	20	20	20	20	20	20	20
	65–550 MHz	<b>-1.5</b>	25	25	25	25	25	25	25
	550–750 MHz	<b>-1.5</b>	23	23	23	23	23	23	23
	750–1002 MHz	<b>-1.5</b>	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