

66 SERIES OUTDOOR TAPS [DT66G-SR-CB-PIM-xxx]

Cable Products, Mainline Passives

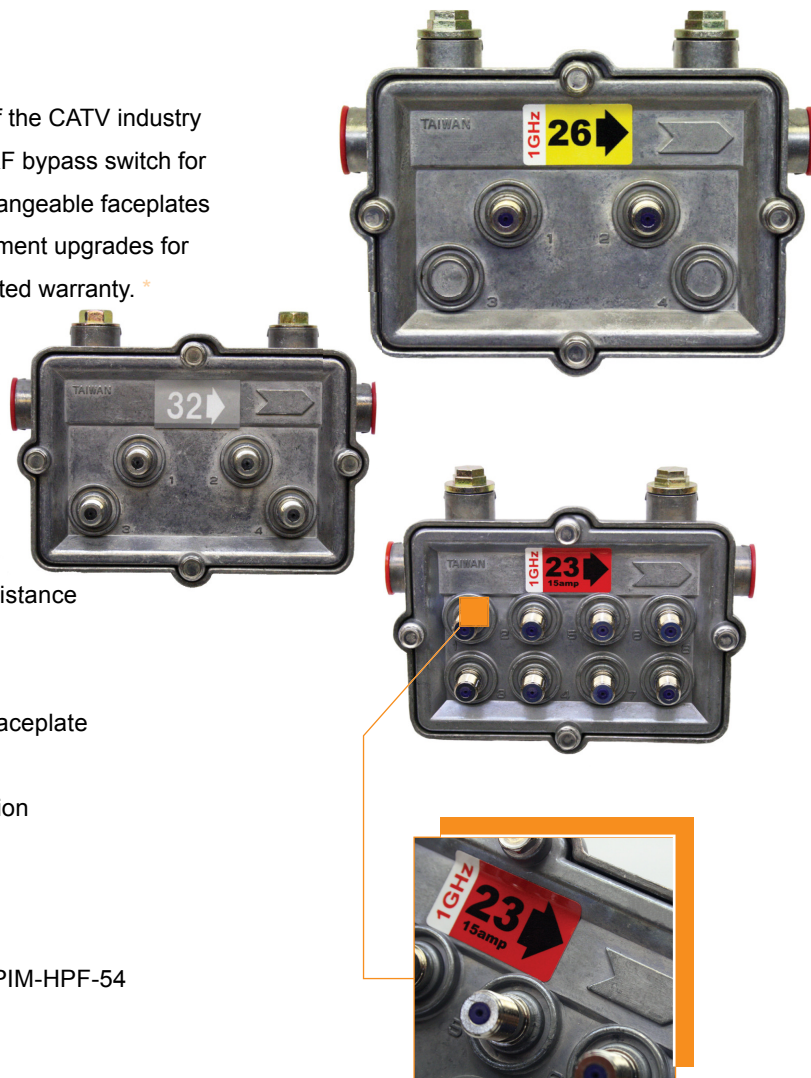
Taikan

Description

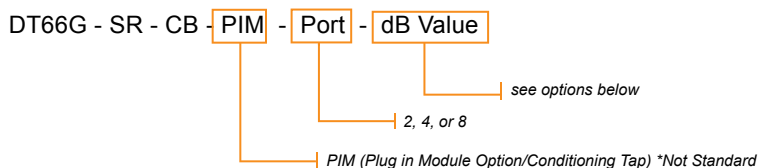
Taikan's 66 series taps have been designed with the future of the CATV industry in mind. All units come complete with a factory installed AC/RF bypass switch for uninterrupted service when the faceplate is removed. Interchangeable faceplates allow for future network growth while minimizing costly equipment upgrades for cable providers. All taps are backed by Taikan's one year limited warranty. *

Features

- 5-1002 MHz Bandwidth
- 15 Amp Current Capacity
- Aluminum Alloy Housing used for Corrosion Resistance
- Rubber Gasket and RFI Shielding Gasket
- Blocking Capacitors on the "F" Ports for Extended Surge Resistance
- Epoxy Sealed and Nickel Plated Brass "F" ports
- Printed Circuit Boards
- AC/RF bypass switch : CB: Continuous Through Signal w/o Faceplate
- Easily Interchangeable 2/4/8 Port Faceplates
- Rotational Seizure Mechanism for Aerial or Pedestal Installation
- Compliant with SCTE Guidelines
- PIM Equalizable Tap Options Available
- Standard jumper installed
- Options: PIM-EQ-xx, PIM-CS-xx, PIM-RPA-xx, PIM-FPA-xx, PIM-HPF-54



Ordering Information



Model Number	Inner Box	Standard Carton	Carton Weight	dB Values Available
DT66G-SR-CB-PIM-2xx	10 pcs	40 pcs	20 kgs / 44 lbs	-04T, -08, -11, -14, -17, -20, -23, -26, -29, -32
DT66G-SR-CB-PIM-4xx	10 pcs	40 pcs	21 kgs / 45 lbs	-08T, -11, -14, -17, -20, -23, -26, -29, -32, -35
DT66G-SR-CB-PIM-8xx	10 pcs	40 pcs	23 kgs / 48 lbs	-11T, -14, -17, -20, -23, -26, -29, -32, -35

2 Port Specifications

Insertion Loss (dB)

	4T	8	11	14	17	20	23	26	29	32
Frequency 5–42 MHz	T	3.4	1.6	1.0	0.9	0.8	0.8	0.8	0.8	0.8
43–400 MHz	T	3.6	1.6	1.1	1.0	0.8	0.8	0.8	0.8	0.8
401–750 MHz	T	4.3	2.3	1.5	1.4	1.2	1.2	1.2	1.2	1.2
751–1002 MHz	T	4.5	3.8	3.0	2.0	2.0	1.8	1.8	1.8	1.8

Tap Value (dB)

	4T	8	11	14	17	20	23	26	29	32
Frequency 5–600 MHz	4 ± 1.0	8 ± 1.0	11 ± 1.0	14 ± 1.0	17 ± 1.0	20 ± 1.0	23 ± 1.0	26 ± 1.0	29 ± 1.0	32 ± 1.0
601–800 MHz	4 ± 1.5	8 ± 1.5	11 ± 1.5	14 ± 1.5	17 ± 1.5	20 ± 1.5	23 ± 1.5	26 ± 1.5	29 ± 1.5	32 ± 1.5
801–1002 MHz	4 ± 2.0	8 ± 2.0	11 ± 2.0	14 ± 2.0	17 ± 2.0	20 ± 2.0	23 ± 2.0	26 ± 2.0	29 ± 2.0	32 ± 2.0

Tap to Tap Isolation (dB)

	4T	8	11	14	17	20	23	26	29	32
Frequency 5–15 MHz	22	22	22	22	22	22	22	22	22	22
16–42 MHz	25	25	25	25	25	25	25	25	25	25
43–600 MHz	25	25	25	25	25	25	25	25	25	25
601–1002 MHz	22	22	22	22	22	22	22	22	22	22

Output to Tap Isolation (dB)

	4T	8	11	14	17	20	23	26	29	32
Frequency 5–15 MHz	T	22	22	24	27	30	35	38	40	44
16–400 MHz	T	23	26	30	30	34	36	38	42	45
401–750 MHz	T	22	22	22	28	30	32	32	32	32
751–1002 MHz	T	22	22	22	28	30	32	32	32	32

Input / Output / Tap Return Loss (dB)

	4T	8	11	14	17	20	23	26	29	32
Frequency 5–15 MHz	16	16	16	16	16	16	16	16	16	16
16–42 MHz	18	18	18	18	18	18	18	18	18	18
43–400 MHz	20	20	20	20	20	20	20	20	20	20
401–1002 MHz	18	18	18	18	18	18	18	18	18	18

Hum Modulation @ 10 Amp (dB)

5–1002 MHz	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
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General Specifications: Power Passing 15 Amp, 90 VAC

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4 Port Specifications

Insertion Loss (dB)

	8T	11	14	17	20	23	26	29	32	35
Frequency 5–42 MHz	T	3.2	1.8	1.0	1.2	1.2	0.8	0.8	0.8	0.8
43–400 MHz	T	3.5	1.8	1.1	1.0	0.8	0.8	0.8	0.8	0.8
401–750 MHz	T	4.0	2.3	1.5	1.4	1.2	1.2	1.2	1.2	1.2
751–1002 MHz	T	4.5	3.8	3.0	2.0	1.8	1.8	1.8	1.8	1.8

Tap Value (dB)

	8T	11	14	17	20	23	26	29	32	35
Frequency 5–600 MHz	8 ± 1.0	11 ± 1.0	14 ± 1.0	17 ± 1.0	20 ± 1.0	23 ± 1.0	26 ± 1.0	29 ± 1.0	32 ± 1.0	35 ± 1.0
601–800 MHz	8 ± 1.5	11 ± 1.5	14 ± 1.5	17 ± 1.5	20 ± 1.5	23 ± 1.5	26 ± 1.5	29 ± 1.5	32 ± 1.5	35 ± 1.5
801–1002 MHz	8 ± 2.0	11 ± 2.0	14 ± 2.0	17 ± 2.0	20 ± 2.0	23 ± 2.0	26 ± 2.0	29 ± 2.0	32 ± 2.0	35 ± 2.0

Tap to Tap Isolation (dB)

	8T	11	14	17	20	23	26	29	32	35
Frequency 5–15 MHz	22	22	22	22	22	22	22	22	22	22
16–42 MHz	25	25	25	25	25	25	25	25	25	25
43–600 MHz	25	25	25	25	25	25	25	25	25	25
601–1002 MHz	22	22	22	22	22	22	22	22	22	22

Output to Tap Isolation (dB)

	8T	11	14	17	20	23	26	29	32	35
Frequency 5–15 MHz	T	22	22	22	27	35	38	40	42	44
16–400 MHz	T	25	27	30	33	33	34	42	44	45
401–750 MHz	T	24	25	28	30	30	30	39	41	43
751–1002 MHz	T	22	23	24	25	24	25	27	31	32

Input / Output / Tap Return Loss (dB)

	8T	11	14	17	20	23	26	29	32	35
Frequency 5–15 MHz	16	16	16	16	16	16	16	16	16	16
16–42 MHz	18	18	18	18	18	18	18	18	18	18
43–400 MHz	20	20	20	20	20	20	20	20	20	20
401–1002 MHz	18	18	18	18	18	18	18	18	18	18

Hum Modulation @ 10 Amp (dB)

5–1002 MHz	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
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8 Port Specifications

Insertion Loss (dB)

	11T	14	17	20	23	26	29	32	35
Frequency 5–42 MHz	T	3.2	1.8	1.1	1.0	1.0	0.8	0.8	0.8
43–400 MHz	T	3.5	2.0	1.5	1.3	1.0	1.0	1.0	1.0
401–750 MHz	T	4.0	2.4	1.8	1.5	1.2	1.2	1.2	1.2
751–1002 MHz	T	4.5	3.8	3.0	2.2	1.8	1.8	1.8	1.8

Tap Value (dB)

	11T	14	17	20	23	26	29	32	35
Frequency 5–600 MHz	11 ± 1.0	14 ± 1.0	17 ± 1.0	20 ± 1.0	23 ± 1.0	26 ± 1.0	29 ± 1.0	32 ± 1.0	35 ± 1.0
601–800 MHz	11 ± 1.5	14 ± 1.5	17 ± 1.5	20 ± 1.5	23 ± 1.5	26 ± 1.5	29 ± 1.5	32 ± 1.5	35 ± 1.5
801–1002 MHz	11 ± 2.5	14 ± 2.5	17 ± 2.5	20 ± 2.5	23 ± 2.5	26 ± 2.5	29 ± 2.5	32 ± 2.5	35 ± 2.5

Tap to Tap Isolation (dB)

	11T	14	17	20	23	26	29	32	35
Frequency 5–15 MHz	22	22	22	22	22	22	22	22	22
16–42 MHz	25	25	25	25	25	25	25	25	25
43–600 MHz	25	25	25	25	25	25	25	25	25
601–1002 MHz	22	22	22	22	22	22	22	22	22

Output to Tap Isolation (dB)

	11T	14	17	20	23	26	29	32	35
Frequency 5–15 MHz	T	22	22	26	31	35	38	40	42
16–400 MHz	T	28	28	30	33	34	35	42	44
401–750 MHz	T	25	25	25	28	26	30	32	32
751–1002 MHz	T	23	23	25	28	28	28	31	32

Input / Output / Tap Return Loss (dB)

	11T	14	17	20	23	26	29	32	35
Frequency 5–15 MHz	16	16	16	16	16	16	16	16	16
16–42 MHz	18	18	18	18	18	18	18	18	18
43–400 MHz	20	20	20	20	20	20	20	20	20
401–1002 MHz	18	18	18	18	18	18	18	18	18

Hum Modulation @ 10 Amp (dB)

5–1002 MHz	-60	-60	-60	-60	-60	-60	-60	-60	-60
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