

MODEL 55 SERIES OUTDOOR TAPS DT-55G-SR-CB-xxx

**CABLE PRODUCTS,
MAINLINE PASSIVES**

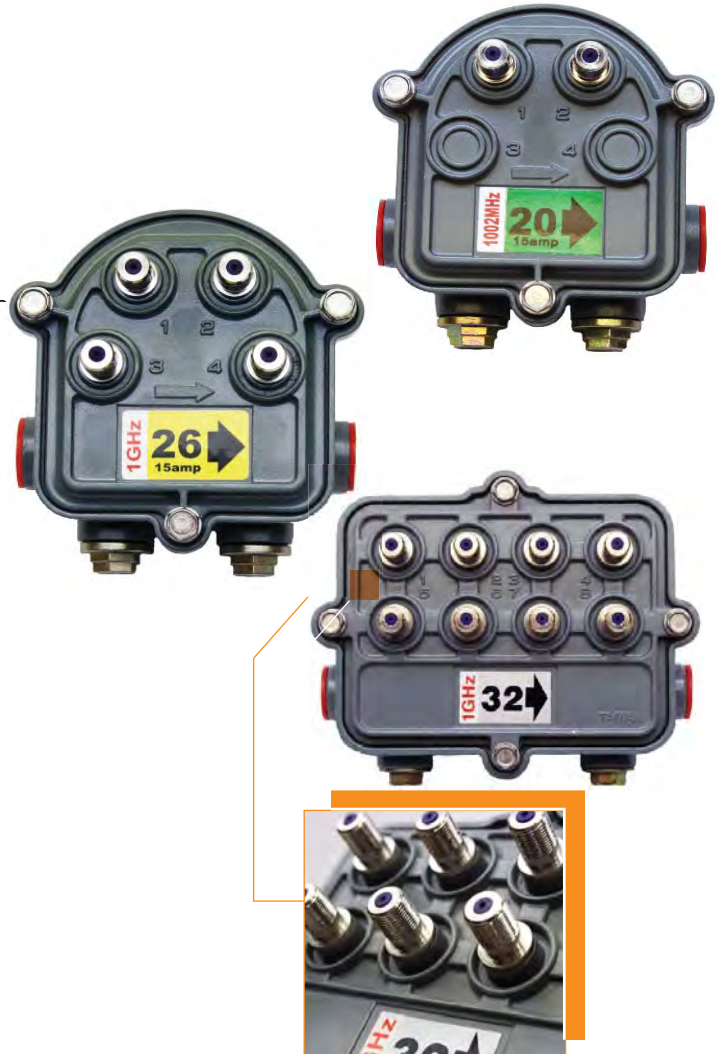
Taikan

Description

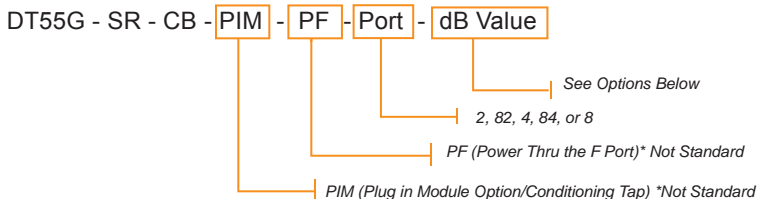
Taikan's 55 series taps have been designed with the future of the CATV industry in mind. All units come complete with a factory installed power passing bar for uninterrupted service when the faceplate is removed. Interchangeable faceplates allow for future network growth while minimizing costly equipment upgrades for cable providers. All taps are backed by Taikan's one year limited warranty. *

Features

- 5-1002 MHz Bandwidth (1.8 GHz option also available)
- Plug In Module: PIM Feature for Conditioning Tap
- PF: Power Through the F Port Option. 12 A Current Capacity
- Standard Jumper Installed
- 15 A Current Capacity
- Printed Circuit Boards
- SR : Blocking Capacitors on the "F" Ports for Extended Surge Resistance
- CB: Continuous Bar AC/RF Bypass Switch when Faceplate Removed
- Aluminum Alloy Housing used for Corrosion Resistance
- Double Polyurethane Coating for Greater Weather Protection
- Rubber Gasket and RFI Shielding Gasket
- Epoxy Sealed and Nickel Plated Brass "F" Ports
- Options: PIM-EQ-xx, PIM-CS-xx, PIM-RPA-xx, PIM-FPA-xx, PIM-HPF-54
- Easy Interchangeable 2/4 Port Faceplates
- Aerial or Pedestal Installation
- Compliant with SCTE Guidelines
- Surge Withstand: IEEE C62.41-1991 Category B3/6kV Combination Wave, 3000 A



Ordering Information



Model Number	Inner Box	Standard Carton	Carton Weight	dB Values Available
DT55G-SR-CB-x-x-2xx	10 pcs	50 pcs	18 kg / 39 lbs	-04T, -08, -11, -14, -17, -20, -23, -26, -29, -32
DT55G-SR-CB-x-x-4xx	10 pcs	50 pcs	19 kg / 41 lbs	-08T, -11, -14, -17, -20, -23, -26, -29, -32, -35
DT55G-SR-CB-x-x-8xx	10 pcs	50 pcs	23 kg / 50 lbs	-11T, -14, -17, -20, -23, -26, -29, -32, -35
DT55G-SR-CB-x-82xx	10 pcs	50 pcs	23 kg / 50 lbs	-04T, -08, -11, -14, -17, -20, -23, -26, -29, -32
DT55G-SR-CB-x-84xx	10 pcs	50 pcs	23 kg / 50 lbs	-08T, -11, -14, -17, -20, -23, -26, -29, -32, -35

2 Port Specifications

Customization available upon request

Insertion Loss (dB) Tolerance: ± 0.25

		4T	8	11	14	17	20	23	26	29	32
Frequency	5-42 MHz	T	3.4	1.6	1.0	0.9	0.7	0.7	0.7	0.7	0.7
	43-400 MHz	T	3.6	1.6	1.1	1.0	0.5	0.6	0.6	0.6	0.6
	401-750 MHz	T	4.3	2.3	1.5	1.4	1.2	1.1	1.1	1.1	1.1
	751-1002 MHz	T	4.5	2.8	2.0	1.9	1.6	1.6	1.6	1.6	1.6

Tap Value (dB) Tolerance: ± 1.0

		4T	8	11	14	17	20	23	26	29	32
Frequency	5-600 MHz	4	8	11	14	17	20	23	26	29	32
	601-800 MHz	4	8	11	14	17	20	23	26	29	32
	801-1002 MHz	4	8	11	14	17	20	23	26	29	32

Tap to Tap Isolation (dB) Tolerance: - 1.5

		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) Tolerance: - 1.5

		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) Tolerance: - 1.5

		4T	8	11	14	17	20	23	26	29	32
Frequency	5-15 MHz	18	18	18	18	18	18	18	18	18	18
	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 A (dB)

5-1002 MHz	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60
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General Specifications: Power Passing 15 A, 60/90 VAC

4 Port Specifications

Customization available upon request

Insertion Loss (dB) Tolerance: ± 0.25

		8T	11	14	17	20	23	26	29	32	35
Frequency	5–42 MHz	T	3.2	1.8	1.0	1.2	0.8	0.7	0.6	0.7	0.7
	43–400 MHz	T	3.5	1.7	0.9	1.0	0.7	0.6	0.6	0.6	0.6
	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	3.7	2.4	2.0	1.6	1.6	1.6	1.6	1.6

Tap Value (dB) Tolerance: ± 1.0

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

Tap to Tap Isolation (dB) Tolerance: -1.5

		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) Tolerance: -1.5

		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) Tolerance: -1.5

		8T	11	14	17	20	23	26	29	32	35
Frequency	5–15 MHz	18	18	18	18	18	18	18	18	18	18
	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 A (dB)

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

8 Port Specifications

Customization available upon request

Insertion Loss (dB) Tolerance: ± 0.25

	11T	14	17	20	23	26	29	32	35
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	3.5	2.7	2.2	1.8	1.8	1.8	1.8

Tap Value (dB) Tolerance: ± 1.0

	11T	14	17	20	23	26	29	32	35
5-600 MHz	11	14	17	20	23	26	29	32	35
601-800 MHz	11	14	17	20	23	26	29	32	35
801-1002 MHz	11	14	17	20	23	26	29	32	35

Tap to Tap Isolation (dB) Tolerance: - 1.5

	11T	14	17	20	23	26	29	32	35
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) Tolerance: - 1.5

	11T	14	17	20	23	26	29	32	35
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) Tolerance: - 1.5

	11T	14	17	20	23	26	29	32	35
5-15 MHz	18	18	18	18	18	18	18	18	18
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 A (dB)

5-1002 MHz	-60	-60	-60	-60	-60	-60	-60	-60	-60
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General Specifications: Power Passing 15 A, 60/90 VAC

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