



## Outdoor Multi-tap 33 Series 1 GHz Features:

- 5-1002 MHz bandwidth
- 15 Amp current capacity
- Blocking capacitors on the "F" ports for extended surge resistant SR
- Power passing option: CB: continuous through signal w/o faceplate
- Aluminum alloy housing used for corrosion resistant
- Rubber gasket and RFI shielding gasket
- Epoxy sealed and nickel plated brass ports
- Printed circuit board
- Easy interchangeable 2/4 port faceplates
- Aerial or pedestal installation
- Rotational seizure mechanism for aerial or pedestal installation
- Compliant with SCTE guidelines

	Std Ctn Qty	Inner Box	Box Weight	xx dB Values
DT33G-SR-CB-2xx Series	50 pcs	10 pcs	18 kgs	-04T,-08,-11,-14,-17,-20,-23,-26,-29,-32
DT33G-SR-CB-4xx Series	50 pcs	10 pcs	19 kgs	-08T,-11,-14,-17,-20,-23,-26,-29,-32,-35
DT33G-SR-CB-8xx Series	40 pcs	10 pcs	23 kgs	-11T,-14,-17,-20,-23,-26,-29,-32,-35
DC33G-xx Series	30 pcs	10 pcs	20 kgs	-2,-3,-3B Splitter, -8,-12,-16 dB Coupler, -PI Power Inserter

## DT33G-SR-CB-200 Series - 1 GHz: 2 Port Specification

### Insertion Loss

Frequency	4T		8		11		14		17		20		23		26		29		32		
	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	
5-42 MHz	T		3.4	3.1	1.6	1.3	1.0	0.8	0.9	0.8	0.8	0.5	0.8	0.4	0.8	0.5	0.8	0.5	0.8	0.5	dB
43-400 MHz	T		3.6	3.5	1.6	1.3	1.1	0.8	1.0	0.8	0.8	0.8	0.8	0.5	0.8	1.0	0.8	0.7	0.8	0.7	dB
401-750 MHz	T		4.3	3.8	2.3	2.2	1.5	1.5	1.4	1.3	1.2	0.8	1.2	0.8	1.2	1.3	1.2	1.2	1.2	1.0	dB
751-1002 MHz	T		4.5	4.1	3.8	2.9	3.0	2.5	2.0	1.9	2.0	1.4	1.8	1.6	1.8	1.7	1.8	1.7	1.8	1.5	dB

### Tap Value

Frequency	4T		8		11		14		17		20		23		26		29		32		
	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	
5-600 MHz	4.0	± 1.0	8.0	± 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	dB
601-800 MHz	4.0	± 1.5	8.0	± 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	dB
801-1002 MHz	4.0	± 2.0	8.0	± 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	dB

### Tap to Tap Isolation

Frequency	4T		8		11		14		17		20		23		26		29		32		
	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	
5-15 MHz	22	29	22	22	18	23	22	26	22	31	22	27	22	27	22	27	22	26	22	30	dB
16-42 MHz	25	35	25	29	20	28	25	29	25	37	25	30	25	37	25	37	25	35	25	33	dB
43-600 MHz	25	25	25	41	20	26	25	25	25	28	25	28	25	38	25	38	25	33	25	32	dB
601-1002 MHz	22	22	20	25	20	21	20	24	20	25	22	27	22	23	22	23	22	25	22	29	dB

### Output to Tap Isolation

Frequency	4T		8		11		14		17		20		23		26		29		32		
	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	GM	TYP	
5-15 MHz	T	T	22	30	22	25	24	28	27	33	30	41	35	44	38	47	40	52	44	52	dB
16-400 MHz	T	T	23	40	26	36	30	33	30	36	34	45	36	45	38	46	42	49	45	49	dB
401-750 MHz	T	T	22	30	22	39	22	31	28	34	30	40	32	40	32	41	32	49	32	49	dB
751-1002 MHz	T	T	22	31	22	30	22	26	28	40	30	37	32	41	32	41	32	50	32	50	dB

### Input / Output / Tap Return Loss

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

### Hum Modulation @ 10 Amp

5-1002 MHz	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	-60	dB
------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	----

### General Specifications

Power Passing:	15 Amp, 90 VAC
----------------	----------------

- Specifications subject to change without notice. v9.00
- GM: Guarantee Minimum. TYP: Typical

### Ordering Information:

DT33G-SR-

04T, 08, 11, 14, 17, 20, 23, 26, 29, 32 dB value  
2 (2 port)  
CB (add for power passing capability option)

