



Single Port Coaxial Cable Taps

...competitive technologies
with compelling value

Features:

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- Wall mounting screws included (CTGT only)
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 6, 9, 12, 16, 20, 24, 27 & 30 dB Values available

Ordering Information

T-Style		90 Degree Wall Plate Style	
CTGT-6	6 dB	CTGTW-6	6 dB
CTGT-9	9 dB	CTGTW-9	9 dB
CTGT-12	12 dB	CTGTW-12	12 dB
CTGT-16	16 dB	CTGTW-16	16 dB
CTGT-20	20 dB	CTGTW-20	20 dB
CTGT-24	24 dB	CTGTW-24	24 dB
CTGT-27	27 dB	CTGTW-27	27 dB
CTGT-30	30 dB	CTGTW-30	30 dB



Tap Loss (dB)	Tolerance	6 dB		9 dB		12 dB		16 dB		20 dB		24 dB		27 dB		30 dB	
		Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA
Tap Loss (dB)	5-50 MHz	6.5	7.5	8.9	9.5	12.0	13.0	16.0	17.0	20.0	21.0	24.0	25.0	27.0	28.0	30.0	31.0
	50-750 MHz	6.7	7.5	9.3	10.0	13.0	13.0	17.0	17.0	21.0	21.0	24.0	25.0	27.0	28.0	30.0	31.0
	750-1000 MHz	7.4	8.0	9.9	11.0	13.0	14.0	17.0	18.0	21.0	22.0	25.0	26.0	28.0	29.0	31.0	32.0
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	2.0	2.2	1.0	1.2	0.7	0.8	0.5	0.6	0.4	0.5	0.3	0.4	0.3	0.4	0.3	0.4
	10-50 MHz	2.1	2.2	0.9	1.2	0.7	0.8	1.4	0.6	0.4	0.5	0.3	0.4	0.4	0.4	0.4	0.4
	50-450 MHz	2.2	2.4	1.2	1.4	0.7	0.8	0.6	0.7	0.5	0.6	0.5	0.6	0.5	0.6	0.5	0.6
	450-750 MHz	2.3	2.6	1.3	1.6	0.9	1.0	0.8	0.9	0.7	0.8	0.7	0.8	0.7	0.8	0.7	0.8
	750-1000 MHz	2.8	3.0	1.9	2.3	1.2	1.5	1.1	1.3	1.1	1.3	1.1	1.3	1.2	1.3	1.2	1.3
Return Loss (In / Out) (dB Min.)	5-10 MHz	19.0	18.0	18.0	16.0	19.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0
	10-50 MHz	20.0	18.0	19.0	18.0	21.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	50-450 MHz	21.0	18.0	21.0	20.0	22.0	20.0	23.0	20.0	23.0	20.0	21.0	20.0	21.0	20.0	21.0	20.0
	450-750 MHz	20.0	18.0	19.0	18.0	20.0	18.0	20.0	18.0	21.0	18.0	19.0	18.0	20.0	18.0	20.0	18.0
	750-1000 MHz	18.0	16.0	18.0	16.0	18.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0	18.0	16.0	18.0	16.0
Return Loss (Tap) (dB Min.)	5-10 MHz	18.0	16.0	22.0	20.0	19.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	23.0	20.0	23.0	20.0
	10-50 MHz	19.0	18.0	23.0	20.0	22.0	20.0	23.0	20.0	22.0	20.0	23.0	20.0	22.0	20.0	22.0	20.0
	50-450 MHz	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	450-750 MHz	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	750-1000 MHz	18.0	16.0	18.0	16.0	18.0	16.0	18.0	16.0	18.0	16.0	17.0	16.0	18.0	16.0	18.0	16.0
Isolation (Out / Tap) (dB Min.)	5-50 MHz	27.0	24.0	30.0	27.0	32.0	30.0	33.0	30.0	32.0	31.0	38.0	35.0	40.0	38.0	40.0	38.0
	50-450 MHz	28.0	24.0	31.0	27.0	33.0	30.0	32.0	30.0	33.0	30.0	36.0	34.0	41.0	37.0	41.0	37.0
	450-750 MHz	24.0	20.0	24.0	20.0	24.0	25.0	29.0	26.0	31.0	28.0	34.0	32.0	38.0	35.0	38.0	35.0
	750-1000 MHz	23.0	20.0	23.0	20.0	22.0	22.0	27.0	24.0	28.0	26.0	33.0	30.0	35.0	33.0	35.0	33.0
Impedance	5-1000 MHz	75 Ohm															
RFI (-dB)	5-1000 MHz	130	120	130	120	130	120	130	120	130	120	130	120	130	120	130	120

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Two Port Coaxial Cable Taps

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Features:

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 6, 9, 12, 16, 20, 24, 27 & 30 dB Values available

Ordering Information

CTGT2-6 6 dB
 CTGT2-9 9 dB
 CTGT2-12 12 dB
 CTGT2-16 16 dB
 CTGT2-20 20 dB
 CTGT2-24 24 dB
 CTGT2-27 27 dB
 CTGT2-30 30 dB



Tap Loss (dB) Tolerance	5-50 MHz	6 dB		9 dB		12 dB		16 dB		20 dB		24 dB		27 dB		30 dB	
		Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA
	50-750 MHz	6.1 +/-1.2		8.1 +/-1.2		12.1 +/-1.2		16.1 +/-1.2		20.1 +/-1.2		24.1 +/-1.2		27.1 +/-1.2		30.1 +/-1.2	
	750-1000 MHz	6.3 +/-1.5		8.3 +/-1.2		12.3 +/-1.2		16.3 +/-1.2		20.3 +/-1.2		24.3 +/-1.2		27.3 +/-1.2		30.3 +/-1.2	
Insertion Loss (In / Out) (dB Max.)	5-50 MHz	3.3	3.4	3.3	3.4	1.2	1.5	0.8	0.9	0.5	0.8	0.5	0.8	0.5	0.8	0.5	0.8
	50-450 MHz	3.6	3.7	3.6	3.7	1.5	2.1	0.9	1.0	0.8	1.1	0.8	1.1	0.8	1.1	0.8	1.1
	450-750 MHz	3.7	3.8	3.7	3.8	1.8	2.2	1.1	1.3	0.9	1.2	0.9	1.2	0.9	1.2	0.9	1.2
	750-1000 MHz	4.1	4.3	4.1	4.3	2.0	2.4	1.2	1.5	1.0	1.3	1.0	1.3	1.0	1.3	1.0	1.3
Return Loss (In / Out) (dB Min.)	5-50 MHz	21.0	18.0	21.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0
	50-450 MHz	23.0	20.0	23.0	20.0	22.0	20.0	23.0	20.0	23.0	20.0	21.0	20.0	21.0	20.0	21.0	20.0
	450-750 MHz	22.0	20.0	22.0	20.0	20.0	18.0	20.0	18.0	21.0	18.0	19.0	18.0	19.0	18.0	19.0	18.0
	750-1000 MHz	21.0	18.0	21.0	18.0	18.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0
Return Loss (Tap) (dB Min.)	5-50 MHz	18.0	16.0	18.0	16.0	19.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	50-450 MHz	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	450-750 MHz	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	750-1000 MHz	18.0	16.0	18.0	16.0	18.0	16.0	18.0	16.0	18.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0
Isolation (Out / Tap) (dB Min.)	5-50 MHz	28.0	25.0	28.0	25.0	35.0	28.0	36.0	32.0	42.0	33.0	40.0	38.0	40.0	38.0	40.0	38.0
	50-450 MHz	25.0	23.0	25.0	23.0	29.0	25.0	28.0	25.0	26.0	23.0	37.0	33.0	37.0	33.0	37.0	33.0
	450-750 MHz	25.0	23.0	25.0	23.0	26.0	23.0	28.0	26.0	30.0	27.0	35.0	31.0	35.0	31.0	35.0	31.0
	750-1000 MHz	23.0	20.0	23.0	20.0	21.0	20.0	25.0	21.0	24.0	21.0	29.0	27.0	29.0	27.0	29.0	27.0
Isolation (Tap / Tap) (dB Min.)	5-50 MHz	26.0	22.0	26.0	22.0	26.0	23.0	27.0	24.0	28.0	25.0	39.0	32.0	39.0	32.0	39.0	32.0
	50-450 MHz	25.0	23.0	25.0	23.0	29.0	25.0	28.0	25.0	26.0	23.0	37.0	33.0	37.0	33.0	37.0	33.0
	450-750 MHz	23.0	20.0	23.0	20.0	25.0	22.0	26.0	23.0	25.0	23.0	31.0	29.0	31.0	29.0	31.0	29.0
	750-1000 MHz	23.0	20.0	23.0	20.0	21.0	20.0	25.0	21.0	24.0	21.0	29.0	27.0	29.0	27.0	29.0	27.0
Impedance	5-1000 MHz	75 Ohm															
RFI (-dB)	5-1000 MHz	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0

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Four Port Coaxial Cable Taps

...competitive technologies
with compelling value

Features:

- Solder back for excellent shielding >-130 dB
- 5-1,000 MHz Frequency range
- Wall mounting screws included
- High Isolation
- Tin plated zinc die-cast housing for corrosion protection and grounding
- 8, 12, 16, 20, 24 & 30 dB Values available
- 8 dB Model is terminated (no through port)

Ordering Information

CTGT4-8 8 dB (Terminating)
 CTGT4-12 12 dB
 CTGT4-16 16 dB
 CTGT4-20 20 dB
 CTGT4-24 24 dB
 CTGT4-30 30 dB



		8 dB		12 dB		16 dB		20 dB		24 dB		30 dB	
		Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA	Typ	QA
Tap Loss (dB) Tolerance	5-50 MHz	8.0 +/-1.2		12.0 +/-1.2		16.0 +/-1.2		20.0 +/-1.2		24.0 +/-1.2		30.0 +/-1.2	
	50-750 MHz	8.1 +/-1.2		12.1 +/-1.2		16.1 +/-1.2		20.1 +/-1.2		24.1 +/-1.2		30.1 +/-1.2	
	750-1000 MHz	8.3 +/-1.2		12.3 +/-1.2		16.3 +/-1.2		20.3 +/-1.2		24.3 +/-1.2		30.3 +/-1.2	
Insertion Loss (In / Out) (dB Max.)	5-10 MHz	NA	NA	3.5	3.7	1.2	1.5	0.8	0.9	0.6	0.9	0.6	0.9
	10-50 MHz	NA	NA	3.4	3.7	1.0	1.3	0.8	0.9	0.5	0.9	0.5	0.9
	50-450 MHz	NA	NA	3.5	3.8	1.1	1.4	0.8	1.1	0.6	1.0	0.6	1.0
	450-750 MHz	NA	NA	3.8	4.0	1.6	2.1	0.9	1.2	0.8	1.1	0.8	1.1
	750-1000 MHz	NA	NA	4.0	4.3	2.2	2.6	1.0	1.4	1.0	0.3	1.0	0.3
Return Loss (In / Out) (dB Min.)	5-10 MHz	NA	NA	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0	20.0	18.0
	10-50 MHz	NA	NA	21.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	50-450 MHz	NA	NA	22.0	20.0	23.0	20.0	23.0	20.0	21.0	20.0	21.0	20.0
	450-750 MHz	NA	NA	20.0	18.0	20.0	18.0	21.0	18.0	19.0	18.0	19.0	18.0
	750-1000 MHz	NA	NA	18.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0	17.0	16.0
Return Loss (Tap) (dB Min.)	5-10 MHz	18.0	16.0	19.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0	22.0	20.0
	10-50 MHz	19.0	18.0	22.0	20.0	23.0	20.0	22.0	20.0	23.0	20.0	23.0	20.0
	50-450 MHz	20.0	18.0	20.0	18.0	20.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0
	450-750 MHz	20.0	18.0	20.0	18.0	20.0	18.0	22.0	20.0	22.0	20.0	22.0	20.0
	750-1000 MHz	18.0	16.0	18.0	16.0	18.0	16.0	18.0	16.0	17.0	16.0	17.0	16.0
Isolation (Out / Tap) (dB Min.)	5-50 MHz	NA	NA	24.0	21.0	24.0	22.0	24.0	22.0	25.0	22.0	25.0	22.0
	50-450 MHz	NA	NA	25.0	23.0	26.0	23.0	26.0	23.0	26.0	25.0	26.0	25.0
	450-750 MHz	NA	NA	26.0	24.0	25.0	24.0	25.0	24.0	27.0	24.0	27.0	24.0
	750-1000 MHz	NA	NA	23.0	22.0	23.0	22.0	23.0	22.0	24.0	22.0	24.0	22.0
Isolation (Tap / Tap) (dB Min.)	5-50 MHz	27.0	25.0	25.0	23.0	32.0	28.0	32.0	30.0	35.0	33.0	35.0	33.0
	50-450 MHz	29.0	26.0	27.0	25.0	33.0	30.0	34.0	33.0	38.0	36.0	38.0	36.0
	450-750 MHz	25.0	23.0	26.0	24.0	30.0	26.0	32.0	31.0	36.0	34.0	36.0	34.0
	750-1000 MHz	24.0	22.0	25.0	23.0	28.0	25.0	31.0	29.0	35.0	33.0	35.0	33.0
Impedance	5-1000 MHz	75 Ohm											
RFI (-dB)	5-1000 MHz	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0	130.0	120.0



8 Port Coaxial Cable Taps

...competitive technologies
with compelling value

Features:

- Solder back for excellent shielding
- 5-1,000 MHz Frequency range
- Integrated grounding screw
- Wall mounting screws included
- High Isolation
- 11, 14, 17, 20, 23, 26, 29, 32 & 35 dB Values available
- 11 dB Model is terminated (no through port)

Ordering Information

CTGT8-11 11 dB (Terminating)
 CTGT8-14 14 dB
 CTGT8-17 17 dB
 CTGT8-20 20 dB
 CTGT8-23 23 dB
 CTGT8-26 26 dB
 CTGT8-29 29 dB
 CTGT8-32 32 dB
 CTGT8-35 35 dB



		11 dB	14 dB	17 dB	20 dB	23 dB	26 dB	29 dB	32 dB	35 dB
Insertion Loss	5-50 MHz	NA	3.5 dB	1.9 dB	1.2 dB	0.8 dB	0.8 dB	0.7 dB	0.7 dB	0.7 dB
	50-450 MHz	NA	4.0 dB	2.3 dB	1.5 dB	1.0 dB	0.9 dB	0.8 dB	0.8 dB	0.8 dB
	450-750 MHz	NA	4.2 dB	2.4 dB	1.8 dB	1.2 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB
	750-1000 MHz	NA	4.5 dB	2.5 dB	2.0 dB	1.4 dB	1.2 dB	1.0 dB	1.0 dB	1.0 dB
Return Loss (In / Out)	5-10 MHz	18 dB	18 dB	16 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB
	10-50 MHz	20 dB	20 dB	18 dB	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB
	50-450 MHz	20 dB	20 dB	18 dB	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB
	450-750 MHz	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB
	750-1000 MHz	16 dB	16 dB	16 dB	16 dB	16 dB	16 dB	16 dB	16 dB	16 dB
Return Loss (Tap)	5-50 MHz	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB
	50-750 MHz	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB	20 dB
	750-1000 MHz	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB	18 dB
Isolation (Tap / Tap)	5-50 MHz	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB
	50-450 MHz	26 dB	26 dB	26 dB	26 dB	26 dB	26 dB	26 dB	26 dB	26 dB
	450-750 MHz	25 dB	25 dB	25 dB	25 dB	25 dB	25 dB	25 dB	25 dB	25 dB
	750-1000 MHz	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB	22 dB
Isolation (Out / Tap)	5-10 MHz	NA	30 dB	28 dB	36 dB	36 dB	38 dB	38 dB	38 dB	38 dB
	10-50 MHz	NA	30 dB	28 dB	35 dB	36 dB	35 dB	36 dB	36 dB	36 dB
	50-450 MHz	NA	26 dB	25 dB	32 dB	33 dB	32 dB	32 dB	32 dB	32 dB
	450-750 MHz	NA	24 dB	24 dB	30 dB	30 dB	30 dB	30 dB	30 dB	30 dB
	750-1000 MHz	NA	24 dB	24 dB	26 dB	26 dB	28 dB	28 dB	28 dB	30 dB
Tap Tolerance (+/-)	5-450 MHz	1.0 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB
	450-750 MHz	1.5 dB	1.5 dB	1.5 dB	1.5 dB	1.5 dB	1.5 dB	1.5 dB	1.5 dB	1.5 dB
	750-1000 MHz	2.0 dB	2.0 dB	2.0 dB	2.0 dB	2.0 dB	2.0 dB	2.0 dB	2.0 dB	2.0 dB

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