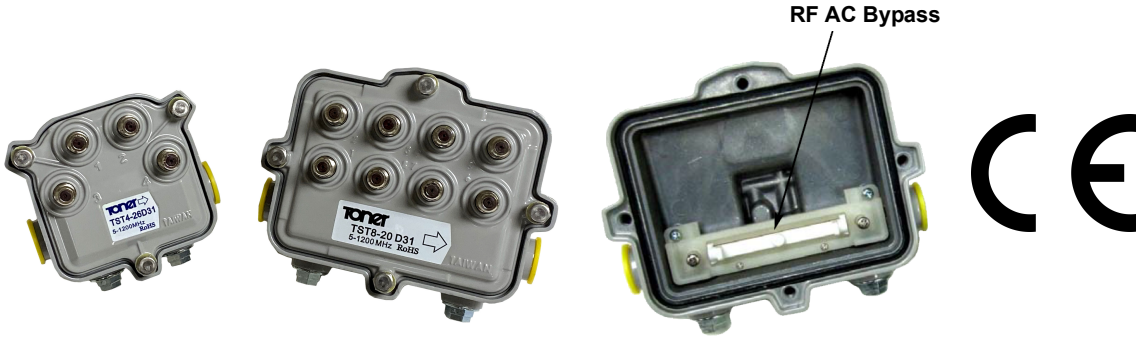
TST Series 1.2 GHz 4 & 8 Port Multitaps

1.2 GHz Bandwidth To Accomodate DOCSIS 3.1 Frequencies



Continuous RF signal and power pass-thru during tap-plate removal ensures uninterrupted system services.

Features

- Weatherproof self-sealing F ports helps prevent leakage through ports even if subscriber drop cable is disconnected.
- Nickle-plated, brass "F" ports offer increased strengths and protection against corrosion in severe environmental conditions.
- A360 Alloy aluminum housing with weather resistant protective powder coating.
- Stainless steel hardware for corrosion resistance.
- Color coded tap value labels.
- Stainless steel FRI gasket.
- Plastic protective cover over circuit.
- Glass epoxy printed circuit board with premium components for the best electrical performance
- Neoprene rubber weather seal gasket for water tight protection, tested at 15 PSI.
- Compatible with Scientific Atlanta® SAT series tap housing.
- Conforms to all applicable SCTE standards.

Specifications Common to All Taps	
High Voltage Blocking Capacitors:	All Ports
Surge Withstand:	All Tap Ports: IEE C62.41-1991 Cat.A3 (6000V, 200 Amp, 0.5 ms - 100 kHz Ring Wave In-Out Ports: IEE C62.41-1991 Cat.B3 (6000V, 200 Amp, 50 μs - 8/20 μs Combination Wave
Power Passing	12A, 90VAC (In-Out)

969 Horsham Road • Horsham, Pennsylvania 19044 USA • Phone: 215-675-2053 Fax: 215-675-7543 • info@tonercable.com

TST Series 1.2 GHz 4 & 8 Port Multitaps

TST4 4-Way Tap Model	TST4-8D31 Gold	TST4-11D31 Brown	TST4-14D31 Yellow	TST4-17D31 Purple	TST4-20D31 Black	TST4-23D31 Orange	TST4-26D31 Blue	TST4-29D31 Grey	TST4-32D31 Red
Insertion Loss									
5-15 MHz		3.3	2.5	1.4	1.3	0.9	0.9	0.9	0.9
15-85 MHz		3.4	1.6	1	0.9	0.8	0.8	0.7	0.7
85-300 MHz		3.7	1.8	1.4	1.3	0.9	0.9	0.8	0.8
300-870 MHz		4.8	3	2	1.8	1.7	1.6	1.5	1.5
870-1002 MHz		5	3.4	2.4	2	1.9	1.2	1.8	1.8
1002-1218 MHz		5	4.3	3	2.5	2.4	2.4	2.2	2.2
Isolation Out-Tap									
5-15 MHz		17	22	25	30	35	35	35	40
15-85 MHz		25	28	30	33	35	35	40	40
85-300 MHz		25	30	30	35	35	40	40	40
300-870 MHz		25	26	26	26	30	30	35	35
870-1002 MHz		22	26	26	26	28	30	35	35
1002-1218 MHz		22	22	22	25	25	30	30	30
Isolation Tap-Tap									
5-15 MHz	30	20	22	22	25	30	30	30	30
15-85 MHz	30	25	25	25	30	30	30	30	30
85-300 MHz	25	25	25	25	25	25	25	25	25
300-870 MHz	25	25	25	25	22	25	25	25	25
870-1002 MHz	25	22	22	22	22	25	25	25	25
1002-1218 MHz	22	22	22	22	22	22	22	22	22
Return Loss Input									
5-15 MHz	20	17	17	17	17	20	20	20	20
15-85 MHz	20	20	17	18	20	22	22	22	22
85-300 MHz	20	20	17	18	20	22	22	22	22
300-870 MHz	17	17	17	18	17	17	17	17	17
870-1002 MHz	17	17	17	18	17	17	17	17	17
1002-1218 MHz	16	16	16	16	16	16	16	16	16
Return Loss Tap									
5-15 MHz	20	17	20	20	20	20	20	20	20
15-85 MHz	22	22	22	22	22	22	22	22	22
85-300 MHz	22	22	20	22	22	22	22	22	22
300-870 MHz	17	17	17	17	17	17	17	17	17
870-1002 MHz	17	17	17	17	17	17	17	17	17
1002-1218 MHz	16	16	16	16	16	16	16	16	16

TST Series 1.2 GHz 4 & 8 Port Multitaps

TST8 8-Way Tap Model	TST8- 11TD31 Brown	TST8- 14D31 Yellow	TST8- 17D31 Purple	TST8- 20D31 Black	TST8- 23D31 Orange	TST8- 26D31 Blue	TST8- 29D31 Grey	TST8- 32D31 Red
Insertion Loss								
5-15 MHz		3.5	2.5	1.6	1.3	0.9	0.9	0.9
15-85 MHz		3.5	1.7	1.4	1	0.7	0.7	0.7
85-300 MHz		3.9	1.9	1.6	1.3	1	1	1
300-870 MHz		5.3	2.8	2.5	1.8	1.6	1.4	1.4
870-1002 MHz		5.3	3.3	3	2	1.8	1.8	1.8
1002-1218 MHz		5.3	3.9	3.5	2.6	2.2	2	2
Isolation Out-Tap								
5-15 MHz		20	23	23	35	35	35	40
15-85 MHz		25	28	30	40	40	40	40
85-300 MHz		27	35	35	40	40	40	40
300-870 MHz		27	30	32	35	35	35	35
870-1002 MHz		27	30	32	35	35	35	35
1002-1218 MHz		27	27	28	30	30	30	30
Isolation Tap-Tap								
5-15 MHz	25	20	25	22	25	25	25	25
15-85 MHz	30	25	25	25	25	25	25	25
85-300 MHz	25	25	25	25	25	25	25	25
300-870 MHz	22	25	25	22	25	25	25	25
870-1002 MHz	22	22	22	22	22	22	22	22
1002-1218 MHz	22	22	22	22	22	22	22	22
Return Loss Input								
5-15 MHz	20	17	17	17	17	20	20	20
15-85 MHz	20	20	17	17	17	20	20	20
85-300 MHz	17	17	17	17	17	17	17	17
300-870 MHz	17	17	17	17	17	17	17	17
870-1002 MHz	17	17	17	17	17	17	17	17
1002-1218 MHz	16	16	16	16	16	16	16	16
Return Loss Tap								
5-15 MHz	20	17	17	17	20	20	20	20
15-85 MHz	22	22	22	22	22	22	22	22
85-300 MHz	22	22	22	22	22	22	22	22
300-870 MHz	17	17	17	17	17	17	17	17
870-1002 MHz	17	17	17	17	17	17	17	17
1002-1218 MHz	16	16	16	16	16	16	16	16

Specifications Subject To Change Without Notice Rev 06-23 ©Toner Cable Equipment, Inc.

969 Horsham Road • Horsham, Pennsylvania 19044 USA • Phone: 215-675-2053 Fax: 215-675-7543 • info@tonercable.com