

Triax taps - STT series [5-2400 MHz]



Technical data 5-2400 MHz standard range in 1-way taps

TYPE Part No.		STT 1-8 348108	STT 1-10 348110	STT 1-12 348112	STT 1-16 348116	STT 1-20 348120	STT 1-24 348124
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	1	1	1	1	1	1
Insertion loss							
5 - 40 MHz	dB	< 2.2	< 1.7	< 1.5	< 1.2	< 1.2	< 1.2
40 - 1000 MHz	dB	< 2.2	< 1.9	< 1.7	< 1.2	< 1.2	< 1.2
1000 - 1750 MHz	dB	< 3.2	< 2.2	< 2.2	< 1.9	< 1.9	< 1.9
1750 - 2150 MHz	dB	< 4.7	< 3.2	< 2.7	< 2.2	< 2.2	< 2.2
2150 - 2400 MHz	dB	< 5.0	< 3.5	< 3.2	< 2.5	< 2.5	< 2.5
Tap loss							
5 - 40 MHz	dB	8.5 (± 2.0)	11.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
40 - 1000 MHz	dB	8.0 (± 1.5)	10.0 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
1000 - 1750 MHz	dB	8.0 (± 1.5)	10.0 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
1750 - 2150 MHz	dB	8.0 (± 2.0)	10.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
2150 - 2400 MHz	dB	8.5 (± 2.0)	10.5 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
Isolation							
5 - 40 MHz	dB	> 18.0	> 25.0	> 28.0	> 28.0	> 32.0	> 32.0
40 - 1000 MHz	dB	> 20.0	> 22.0	> 25.0	> 25.0	> 30.0	> 30.0
1000 - 1750 MHz	dB	> 20.0	> 22.0	> 22.0	> 25.0	> 25.0	> 25.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0	> 25.0	> 25.0
2150 - 2400 MHz	dB	> 18.0	> 18.0	> 20.0	> 22.0	> 25.0	> 25.0
Return loss (in - out)							
5 - 40 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
1000 - 1750 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
1750 - 2150 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
Return loss (tap)							
5 - 40 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 16.0	> 16.0
1000 - 1750 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
1750 - 2150 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		In/Out	In/Out	In/Out	In/Out	In/Out	In/Out
Connectors		F-connector	F-connector	F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE	CE	CE
Impedance	Ohm	75	75	75	75	75	75
Weight	kg	0.046	0.046	0.046	0.046	0.046	0.046
Dimensions (h x d x w)	mm	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52


Technical data 5-2400 MHz standard range in 2-way taps

TYPE Part No.		STT 2-10 348210	STT 2-12 348212	STT 2-16 348216	STT 2-20 348220
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	2	2	2	2
Insertion loss					
5 - 40 MHz	dB	< 4.2	< 2.7	< 2.7	< 1.7
40 - 1000 MHz	dB	< 3.2	< 2.7	< 2.7	< 1.7
1000 - 1750 MHz	dB	< 4.2	< 3.2	< 3.7	< 2.7
1750 - 2150 MHz	dB	< 4.7	< 4.2	< 4.2	< 3.2
2150 - 2400 MHz	dB	< 5.5	< 4.7	< 4.5	< 4.0
Tap loss					
5 - 40 MHz	dB	11.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)
40 - 1000 MHz	dB	10.5 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)
1000 - 1750 MHz	dB	10.5 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)
1750 - 2150 MHz	dB	10.5 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)
2150 - 2400 MHz	dB	10.5 (± 2.0)	12.0 (± 2.5)	15.0 (± 2.5)	20.0 (± 2.5)
Isolation					
5 - 40 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
40 - 1000 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
1000 - 1750 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
1750 - 2150 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
2150 - 2400 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
Return loss (in - out)					
5 - 40 MHz	dB	> 18.0	> 22.0	> 22.0	> 23.0
40 - 1000 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0
1000 - 1750 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0
1750 - 2150 MHz	dB	> 16.0	> 18.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 16.0	> 18.0	> 20.0	> 20.0
Return loss (tap)					
5 - 40 MHz	dB	> 30.0	> 35.0	> 35.0	> 40.0
40 - 1000 MHz	dB	> 25.0	> 25.0	> 30.0	> 32.0
1000 - 1750 MHz	dB	> 25.0	> 25.0	> 30.0	> 30.0
1750 - 2150 MHz	dB	> 20.0	> 22.0	> 25.0	> 25.0
2150 - 2400 MHz	dB	> 18.0	> 20.0	> 22.0	> 22.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		In/Out	In/Out	In/Out	In/Out
Connectors		F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE
Impedance	Ohm	75	75	75	75
Weight	kg	0.063	0.063	0.063	0.063
Dimensions (h x d x w)	mm	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74



Technical data 5-2400 MHz standard range in 4-way taps

TYPE Part No.		STT 4-12 348412	STT 4-16 348416	STT 4-20 348420	STT 4-24 348424	STT 4-30 348430
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	4	4	4	4	4
Insertion loss (in - out)						
5 - 40 MHz	dB	< 4.7	< 2.7	< 1.2	< 2.7	< 1.2
40 - 1000 MHz	dB	< 4.7	< 3.2	< 1.7	< 3.2	< 1.7
1000 - 1750 MHz	dB	< 5.2	< 4.2	< 2.2	< 4.2	< 2.2
1750 - 2150 MHz	dB	< 6.2	< 5.2	< 3.2	< 5.2	< 3.2
2150 - 2400 MHz	dB	< 7.0	< 6.0	< 4.0	< 6.0	< 4.0
Tap loss						
5 - 40 MHz	dB	12.0 (± 2.0)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
40 - 1000 MHz	dB	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
1000 - 1750 MHz	dB	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
1750 - 2150 MHz	dB	13.0 (± 2.0)	15.0 (± 2.0)	20.5 (± 2.0)	24.0 (± 2.0)	30.0 (± 2.0)
2150 - 2400 MHz	dB	14.0 (± 2.5)	16.0 (± 2.0)	21.0 (± 2.0)	24.0 (± 2.0)	30.0 (± 2.0)
Isolation						
5 - 40 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
40 - 1000 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
1000 - 1750 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
1750 - 2150 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
2150 - 2400 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
Return loss (in - out)						
5 - 40 MHz	dB	> 20.0	> 30.0	> 35.0	> 30.0	> 35.0
40 - 1000 MHz	dB	> 23.0	> 23.0	> 25.0	> 23.0	> 25.0
1000 - 1750 MHz	dB	> 20.0	> 22.0	> 20.0	> 22.0	> 20.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
Return loss (tap)						
5 - 40 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
40 - 1000 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1000 - 1750 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		In/Out	In/Out	In/Out	In/Out	In/Out
Connectors		F-connector	F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE	CE
Impedance	Ohm	75	75	75	75	75
Weight	kg	0.092	0.092	0.092	0.092	0.092
Dimensions (h x d x w)	mm	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70


Technical data 5-2400 MHz standard range in 6- and 8-way taps

TYPE Part No.		STT 6-16 348616	STT 6-20 348620	STT 6-24 348624	STT 6-30 348630	STT 8-16 348816	STT 8-20 348820
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	6	6	6	6	8	8
Insertion loss (in - out)							
5 - 40 MHz	dB	< 4.5	< 2.5	< 2.0	< 2.0	< 4.5	< 2.5
40 - 1000 MHz	dB	< 5.0	< 3.0	< 3.0	< 3.0	< 5.0	< 3.0
1000 - 1750 MHz	dB	< 6.0	< 4.0	< 4.0	< 4.0	< 6.0	< 4.0
1750 - 2150 MHz	dB	< 7.0	< 5.0	< 5.0	< 5.0	< 7.0	< 5.0
2150 - 2400 MHz	dB	< 8.0	< 6.0	< 6.0	< 6.0	< 8.0	< 6.0
Tap loss							
5 - 40 MHz	dB	16.0 (± 2.0)	20.0 (± 2.0)	25.0 (± 2.0)	30.0 (± 2.0)	16.0 (± 2.0)	20.0 (± 2.0)
40 - 1000 MHz	dB	16.0 (± 2.0)	20.5 (± 2.0)	25.0 (± 2.0)	30.0 (± 2.0)	16.0 (± 2.0)	20.5 (± 2.0)
1000 - 1750 MHz	dB	18.0 (± 2.0)	21.0 (± 3.0)	25.0 (± 3.0)	30.0 (± 3.0)	18.0 (± 2.0)	21.0 (± 3.0)
1750 - 2150 MHz	dB	19.0 (± 3.0)	21.5 (± 4.0)	25.0 (± 4.0)	30.0 (± 4.0)	19.0 (± 3.0)	21.5 (± 4.0)
2150 - 2400 MHz	dB	19.0 (± 3.0)	21.5 (± 4.0)	25.0 (± 4.0)	30.0 (± 4.0)	19.0 (± 3.0)	21.5 (± 4.0)
Isolation							
5 - 40 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
40 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
1000 - 1750 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
1750 - 2150 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
Return loss (in)							
5 - 40 MHz	dB	> 25.0	> 30.0	> 30.0	> 40.0	> 25.0	> 30.0
40 - 1000 MHz	dB	> 22.0	> 20.0	> 20.0	> 20.0	> 22.0	> 20.0
1000 - 1750 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1750 - 2150 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
Return loss (out)							
5 - 40 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
40 - 1000 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1000 - 1750 MHz	dB	> 17.0	> 17.0	> 17.0	> 17.0	> 17.0	> 17.0
1750 - 2150 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
2150 - 2400 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		In/Out	In/Out	In/Out	In/Out	In/Out	In/Out
Connectors		F-connector	F-connector	F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE	CE	CE
Impedance	Ohm	75	75	75	75	75	75
Weight	kg	0.137	0.137	0.137	0.137	0.137	0.137
Dimensions (h x d x w)	mm	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117