

# Triax taps - SCT series [5-2400 MHz]

High quality range 6-way and 8-ways taps



## Technical data 5-2400 MHz standard range 6-way & 8-way taps

Type		SCT 6-16	SCT 6-20	SCT 6-24	SCT 6-30	SCT 8-16	SCT 8-20
Art. No. (DC all outputs)		342616	342620	342624	342630	342816	342820
Frequency range	MHz	5-2400	5-2400	5-2400	5-2400	5-2400	5-2400
Tap loss	dB	16	20	24	30	16	20
Insertion loss							
5-40MHz	dB	≤ 4.2	≤ 2.5	≤ 2.5	≤ 2.5	≤ 4.5	≤ 2.5
40-1000MHz	dB	≤ 5.3	≤ 2.8	≤ 2.5	≤ 2.8	≤ 5.5	≤ 3.0
1000-1750MHz	dB	≤ 5.5	≤ 3.5	≤ 2.8	≤ 4.0	≤ 6.0	≤ 4.2
1750-2150MHz	dB	≤ 6.0	≤ 4.2	≤ 3.0	≤ 5.0	≤ 6.0	≤ 5.0
2150-2400MHz	dB	≤ 7.0	≤ 5.2	≤ 4.0	≤ 6.0	≤ 6.8	≤ 5.8
Tap loss							
5-40MHz	dB	16.0 ± 1.5	20.0 ± 1.5	24.0 ± 2.0	30.0 ± 1.5	16.0 ± 1.5	20.0 ± 1.5
40-1000MHz	dB	16.0 ± 1.5	20.0 ± 1.5	24.0 ± 2.0	30.0 ± 2.0	16.0 ± 1.5	20.0 ± 1.5
1000-1750MHz	dB	16.0 ± 1.5	22.0 ± 1.5	24.0 ± 1.5	30.0 ± 2.0	18.0 ± 1.5	22.0 ± 1.5
1750-2150MHz	dB	16.0 ± 2.0	22.0 ± 2.0	24.0 ± 2.0	30.0 ± 2.0	18.0 ± 2.0	22.0 ± 2.0
2150-2400MHz	dB	16.0 ± 2.0	22.0 ± 2.5	24.0 ± 2.5	30.0 ± 2.5	18.0 ± 2.5	22.0 ± 2.5
Isolation [TAP-TAP]							
5-40MHz	dB	≥ 22	≥ 25	≥ 25	≥ 25	≥ 22	≥ 28
40-1000MHz	dB	≥ 20	≥ 22	≥ 25	≥ 25	≥ 22	≥ 24
1000-1750MHz	dB	≥ 20	≥ 20	≥ 25	≥ 24	≥ 20	≥ 24
1750-2150MHz	dB	≥ 20	≥ 20	≥ 20	≥ 22	≥ 20	≥ 20
2150-2400MHz	dB	≥ 20	≥ 20	≥ 20	≥ 21	≥ 20	≥ 20
Isolation [OUT-TAP]							
5-40MHz	dB	≥ 25	≥ 25	≥ 28	≥ 35	≥ 25	≥ 28
40-1000MHz	dB	≥ 25	≥ 25	≥ 26	≥ 30	≥ 25	≥ 25
1000-1750MHz	dB	≥ 22	≥ 25	≥ 24	≥ 27	≥ 22	≥ 24
1750-2150MHz	dB	≥ 22	≥ 22	≥ 22	≥ 26	≥ 20	≥ 22
2150-2400MHz	dB	≥ 20	≥ 22	≥ 22	≥ 24	≥ 20	≥ 22
Return loss [IN-OUT]							
5-40MHz	dB	≥ 10	≥ 10	≥ 10	≥ 10	≥ 10	≥ 10
40-1000MHz	dB	≥ 11	≥ 12	≥ 12	≥ 12	≥ 10	≥ 10
1000-1750MHz	dB	≥ 11	≥ 11	≥ 11	≥ 11	≥ 10	≥ 10
1750-2150MHz	dB	≥ 11	≥ 11	≥ 10	≥ 11	≥ 10	≥ 10
2150-2400MHz	dB	≥ 11	≥ 10	≥ 10	≥ 11	≥ 10	≥ 10
Return loss [TAP]							
5-40MHz	dB	≥ 10	≥ 10	≥ 10	≥ 10	≥ 12	≥ 10
40-1000MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
1000-1750MHz	dB	≥ 11	≥ 11	≥ 10	≥ 11	≥ 10	≥ 10
1750-2150MHz	dB	≥ 11	≥ 11	≥ 10	≥ 11	≥ 10	≥ 10
2150-2400MHz	dB	≥ 11	≥ 11	≥ 11	≥ 10	≥ 10	≥ 10
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	0.117	0.117	0.117	0.117	0.125	0.125
Dimensions (h x d x w)							
	mm	65x17x119	65x17x119	65x17x119	65x17x119	65x17x119	65x17x119

### TRIAX A/S

Bjørnkærvej 3 • DK-8783 Hornsyld  
+45 76 82 22 00 • +45 75 68 79 66  
mail: triax@triax.dk • www.triax.com



TRIAX - your ultimate connection