

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



■ **KLASSE**  
**A**  
■ **CLASS**

## High quality range 4-way taps

- A complete range of high quality satellite taps (5-2400 MHz)
- For SAT-IF/ SMATV installations
- Low insertion loss
- High isolation and return loss
- Shielding > 110 dB - Class A

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

Type		SCT 4-12	SCT 4-16	SCT 4-20	SCT 4-24	SCT 4-30
Art. No. (DC all outputs)		342412	342416	342420	342424	342430
Frequency range	MHz	5-2400	5-2400	5-2400	5-2400	5-2400
Tap loss	dB	10	16	20	24	30
Insertion loss						
5-40MHz	dB	≤ 4.2	≤ 2.8	≤ 1.8	≤ 1.0	≤ 1.0
40-1000MHz	dB	≤ 4.8	≤ 2.8	≤ 1.5	≤ 1.5	≤ 1.3
1000-1750MHz	dB	≤ 5.2	≤ 3.5	≤ 2.0	≤ 1.8	≤ 1.5
1750-2150MHz	dB	≤ 5.5	≤ 4.0	≤ 2.3	≤ 2.5	≤ 2.0
2150-2400MHz	dB	≤ 6.5	≤ 5.0	≤ 3.2	≤ 2.5	≤ 2.0
Tap loss						
5-40MHz	dB	12.0 ±1.2	16.0 ±1.2	20.0 ±1.2	24.0 ±1.2	30.0 ±1.2
40-1000MHz	dB	12.0 ±1.2	16.0 ±1.2	20.0 ±1.2	24.0 ±1.2	30.0 ±1.2
1000-1750MHz	dB	12.0 ±1.5	16.0 ±1.5	20.0 ±1.5	24.0 ±1.5	30.0 ±1.5
1750-2150MHz	dB	14.0 ±2.0	16.0 ±2.0	20.0 ±2.0	24.0 ±2.0	30.0 ±2.0
2150-2400MHz	dB	14.0 ±2.5	16.0 ±2.0	20.0 ±2.0	24.0 ±2.0	30.0 ±2.0
Isolation [TAP-TAP]						
5-40MHz	dB	≥ 23	≥ 25	≥ 25	≥ 25	≥ 25
40-1000MHz	dB	≥ 22	≥ 23	≥ 22	≥ 23	≥ 23
1000-1750MHz	dB	≥ 21	≥ 21	≥ 21	≥ 21	≥ 21
1750-2150MHz	dB	≥ 21	≥ 21	≥ 21	≥ 21	≥ 21
2150-2400MHz	dB	≥ 21	≥ 21	≥ 21	≥ 21	≥ 21
Isolation [OUT-TAP]						
5-40MHz	dB	≥ 25	≥ 25	≥ 25	≥ 30	≥ 35
40-1000MHz	dB	≥ 25	≥ 24	≥ 24	≥ 25	≥ 30
1000-1750MHz	dB	≥ 23	≥ 22	≥ 22	≥ 25	≥ 23
1750-2150MHz	dB	≥ 23	≥ 22	≥ 22	≥ 22	≥ 23
2150-2400MHz	dB	≥ 23	≥ 22	≥ 22	≥ 22	≥ 22
Return loss [IN-OUT]						
5-40MHz	dB	≥ 10	≥ 12	≥ 12	≥ 14	≥ 14
40-1000MHz	dB	≥ 12	≥ 12	≥ 12	≥ 14	≥ 14
1000-1750MHz	dB	≥ 12	≥ 11	≥ 11	≥ 14	≥ 11
1750-2150MHz	dB	≥ 12	≥ 11	≥ 11	≥ 11	≥ 11
2150-2400MHz	dB	≥ 12	≥ 11	≥ 11	≥ 11	≥ 11
Return loss [TAP]						
5-40MHz	dB	≥ 10	≥ 12	≥ 12	≥ 12	≥ 14
40-1000MHz	dB	≥ 10	≥ 12	≥ 12	≥ 14	≥ 14
1000-1750MHz	dB	≥ 12	≥ 11	≥ 11	≥ 11	≥ 11
1750-2150MHz	dB	≥ 12	≥ 11	≥ 11	≥ 11	≥ 11
2150-2400MHz	dB	≥ 12	≥ 11	≥ 11	≥ 11	≥ 11
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	0.062	0.062	0.062	0.062	0.062
Dimensions (h x d x w)						
	mm	57x16x74	57x16x74	57x16x74	57x16x74	57x16x74