

Triax taps - SCT series (5-2400 MHz)

High quality range 2-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

■ KLASSE
A
CLASS



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

Type		SCT 2-10	SCT 2-12	SCT 2-16	SCT 2-20
Art. No. (DC all outputs)		342210	342212	342216	342220
Frequency range	MHz	5-2400	5-2400	5-2400	5-2400
Tap loss	dB	10	12	16	20
Insertion loss					
5-40MHz	dB	≤ 4.0	≤ 3.2	≤ 2.5	≤ 2.0
40-1000MHz	dB	≤ 3.5	≤ 3.2	≤ 2.5	≤ 2.0
1000-1750MHz	dB	≤ 4.2	≤ 4.0	≤ 4.0	≤ 2.8
1750-2150MHz	dB	≤ 4.8	≤ 4.3	≤ 4.0	≤ 3.5
2150-2400MHz	dB	≤ 5.0	≤ 4.7	≤ 4.2	≤ 4.2
Tap loss					
5-40MHz	dB	10.0 ±2.0	12.0 ±1.2	16.0 ±1.2	20.0 ±1.5
40-1000MHz	dB	10.0 ±1.5	12.0 ±1.2	16.0 ±1.2	20.0 ±1.5
1000-1750MHz	dB	10.0 ±2.0	12.0 ±1.5	16.0 ±1.5	20.0 ±1.5
1750-2150MHz	dB	10.0 ±2.0	12.0 ±1.5	16.0 ±2.0	20.0 ±1.5
2150-2400MHz	dB	10.0 ±2.0	12.0 ±2.0	16.0 ±2.0	20.0 ±2.0
Isolation [TAP-TAP]					
5-40MHz	dB	≥ 22	≥ 35	≥ 38	≥ 38
40-1000MHz	dB	≥ 27	≥ 30	≥ 35	≥ 35
1000-1750MHz	dB	≥ 28	≥ 28	≥ 32	≥ 32
1750-2150MHz	dB	≥ 26	≥ 26	≥ 30	≥ 32
2150-2400MHz	dB	≥ 24	≥ 26	≥ 28	≥ 30
Isolation [OUT-TAP]					
5-40MHz	dB	≥ 22	≥ 25	≥ 25	≥ 30
40-1000MHz	dB	≥ 22	≥ 22	≥ 25	≥ 24
1000-1750MHz	dB	≥ 20	≥ 20	≥ 22	≥ 23
1750-2150MHz	dB	≥ 20	≥ 20	≥ 22	≥ 22
2150-2400MHz	dB	≥ 18	≥ 18	≥ 21	≥ 22
Return loss [IN-OUT]					
5-40MHz	dB	≥ 10	≥ 9	≥ 10	≥ 10
40-1000MHz	dB	≥ 12	≥ 11	≥ 12	≥ 12
1000-1750MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12
1750-2150MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12
2150-2400MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12
Return loss [TAP]					
5-40MHz	dB	≥ 10	≥ 10	≥ 10	≥ 10
40-1000MHz	dB	≥ 12	≥ 12	≥ 12	≥ 14
1000-1750MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12
1750-2150MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12
2150-2400MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12
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	0.055	0.055	0.055	0.055
Dimensions (h x d x w)					
	mm	57x16x74	57x16x74	57x16x74	57x16x74