

Triax taps - SCT series [5-2400 MHz]



KLASSE
A
CLASS

High quality range 1-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 1-way taps

Type		SCT 1-8	SCT 1-10	SCT 1-12	SCT 1-16	SCT 1-20	SCT 1-24
Art. No. (DC all outputs)		342108	342110	342112	342116	342120	342124
Frequency range	MHz	5-2400	5-2400	5-2400	5-2400	5-2400	5-2400
Tap loss	dB	8	10	12	16	20	24
Insertion loss							
5-40MHz	dB	≤ 2.5	≤ 2.2	≤ 1.2	≤ 1.5	≤ 1.0	≤ 1.0
40-1000MHz	dB	≤ 3.0	≤ 2.2	≤ 2.0	≤ 1.5	≤ 1.5	≤ 1.5
1000-1750MHz	dB	≤ 3.6	≤ 3.0	≤ 2.5	≤ 2.0	≤ 2.0	≤ 2.0
1750-2150MHz	dB	≤ 4.2	≤ 3.2	≤ 2.8	≤ 2.5	≤ 2.0	≤ 2.0
2150-2400MHz	dB	≤ 4.7	≤ 3.2	≤ 2.8	≤ 2.5	≤ 2.2	≤ 2.2
Tap loss							
5-40MHz	dB	8.0 ±1.0	10.0 ±1.5	12.0 ±1.0	16.0 ±1.2	20.0 ±1.0	24.0 ±1.0
40-1000MHz	dB	8.0 ±1.0	10.0 ±1.5	12.0 ±1.0	16.0 ±1.2	20.0 ±1.0	24.0 ±1.0
1000-1750MHz	dB	8.0 ±1.5	10.0 ±1.5	12.0 ±1.5	16.0 ±1.5	20.0 ±1.5	24.0 ±1.5
1750-2150MHz	dB	8.0 ±1.5	10.0 ±1.5	12.0 ±1.5	16.0 ±1.5	20.0 ±1.5	24.0 ±1.5
2150-2400MHz	dB	8.0 ±1.5	10.0 ±1.5	12.0 ±1.5	16.0 ±1.5	20.0 ±1.5	24.0 ±1.5
Isolation [OUT-TAP]							
5-40MHz	dB	≥ 21	≥ 25	≥ 26	≥ 35	≥ 40	≥ 40
40-1000MHz	dB	≥ 22	≥ 24	≥ 26	≥ 27	≥ 30	≥ 32
1000-1750MHz	dB	≥ 22	≥ 22	≥ 25	≥ 25	≥ 26	≥ 30
1750-2150MHz	dB	≥ 22	≥ 22	≥ 24	≥ 24	≥ 25	≥ 28
2150-2400MHz	dB	≥ 22	≥ 22	≥ 22	≥ 24	≥ 25	≥ 26
Return loss [IN-OUT]							
5-40MHz	dB	≥ 12	≥ 12	≥ 14	≥ 14	≥ 15	≥ 15
40-1000MHz	dB	≥ 12	≥ 13	≥ 14	≥ 14	≥ 14	≥ 14
1000-1750MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
1750-2150MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
2150-2400MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
Return loss [TAP]							
5-40MHz	dB	≥ 18	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14
40-1000MHz	dB	≥ 15	≥ 15	≥ 14	≥ 14	≥ 15	≥ 15
1000-1750MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
1750-2150MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
2150-2400MHz	dB	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
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	0.037	0.037	0.037	0.037	0.037	0.037
Dimensions (h x d x w)							
	mm	52x16x53	52x16x53	52x16x53	52x16x53	52x16x53	52x16x53