

Product *info*

Aerials | Dishes | Mast amplifiers | Mast combiners | Single channel filters | Notch filters | Stacking combiners| Passives | Mounting accessories

High quality range of SCS splitters and SCT taps for your TV system

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



Brackets for extra height from ground when mounting splitters and taps

Art. No.	Type	Remarks
342100	BS - Brackets Small 1-4, T&S	10 sets incl. screws
342102	BL- Brackets Large 6-8, T&S	10 sets incl. screws

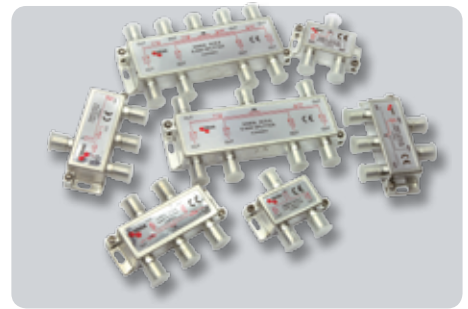


Triax splitters - SCS series (5-2400 MHz)

High quality range splitters

- A complete range of high quality satellite splitters (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 splitters

Type		SCS 2(B)	SCS 3	SCS 4(B)	SCS 6	SCS 8
Art. No. (DC all outputs)		349802	349803	349804	349806	349808
Art. No. (B) (DC output 1 only)		(349812)		(349814)		
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	2	3	4	6	8
Insertion loss (in – out)						
5-40 MHz	dB	≤ 4.5	≤ 6.3	≤ 7.7	≤ 10.6	≤ 11.6
40-1000 MHz	dB	≤ 4.5	≤ 7.5	≤ 8.5	≤ 11.2	≤ 12.7
1000-1750 MHz	dB	≤ 0.5	≤ 8.6	≤ 9.8	≤ 12.7	≤ 14.7
1750-2150 MHz	dB	≤ 5.5	≤ 9.7	≤ 10.8	≤ 14.9	≤ 15.8
2150-2400 MHz	dB	≤ 6.0	≤ 10	≤ 11.2	≤ 15.8	≤ 17.0
Return loss (in)						
5-40 MHz	dB	≥ 12	≥ 13	≥ 13	≥ 10	≥ 10
40-1000 MHz	dB	≥ 16	≥ 16	≥ 13	≥ 14	≥ 12
1000-1750 MHz	dB	≥ 12	≥ 14	≥ 14	≥ 12	≥ 12
1750-2150 MHz	dB	≥ 14	≥ 14	≥ 14	≥ 12	≥ 12
2150-2400 MHz	dB	≥ 12	≥ 15	≥ 11	≥ 13	≥ 12
Return loss (out)						
5-40 MHz	dB	≥ 12	≥ 12	≥ 11	≥ 10	≥ 12
40-1000 MHz	dB	≥ 16	≥ 14	≥ 15	≥ 13	≥ 13
1000-1750 MHz	dB	≥ 12	≥ 14	≥ 14	≥ 13	≥ 13
1750-2150 MHz	dB	≥ 14	≥ 20	≥ 14	≥ 12	≥ 12
2150-2400 MHz	dB	≥ 12	≥ 19	≥ 13	≥ 12	≥ 12
Isolation (out – out)						
5-40 MHz	dB	≥ 20	≥ 25	≥ 26	≥ 25	≥ 25
40-1000 MHz	dB	≥ 25	≥ 23	≥ 21	≥ 25	≥ 23
1000-1750 MHz	dB	≥ 25	≥ 26	≥ 22	≥ 25	≥ 25
1750-2150 MHz	dB	≥ 26	≥ 24	≥ 25	≥ 25	≥ 25
2150-2400 MHz	dB	≥ 22	≥ 23	≥ 23	≥ 24	≥ 24
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	0.037	0.055	0.062	0.117	0.125
Dimensions (h x d x w)	mm	52x16x53	56x16x74	56x16x74	65x16x119	65x16x119

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

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

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

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 Hornslyd
+45 76 82 22 00 • +45 75 68 79 66
mail: triax@triax.dk • www.triax.com



TRIAX - your ultimate connection