

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