

## Splitters and taps

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## Technical data 5-1000 MHz professional range in splitters

TYPE Part No.		ATS 2 346002	ATS 3 346003	ATS 4 346004	ATS 6 346006	ATS 8 346008	ATS 33 346010		
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000		
Outputs	pcs	2	3	4	6	8	3		
							Out 1	Out 2+3	
<b>Insertion loss (in - out)</b>									
5 - 40 MHz	dB	< 3.6	< 5.4	< 7.2	< 9.4	< 10.2	< 3.3	< 6.8	
40 - 470 MHz	dB	< 3.8	< 5.8	< 7.4	< 9.8	< 10.2	< 3.5	< 7.0	
470 - 750 MHz	dB	< 3.9	< 6.2	< 7.6	< 10.2	< 10.7	< 3.6	< 7.2	
750 - 860 MHz	dB	< 4.0	< 6.5	< 7.8	< 10.5	< 10.7	< 3.9	< 7.6	
860 - 1000 MHz	dB	< 4.2	< 6.8	< 8.2	< 10.8	< 11.0	< 3.9	< 7.6	
<b>Isolation</b>									
5 - 40 MHz	dB	> 28.0	> 23.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	
40 - 470 MHz	dB	> 26.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	
470 - 750 MHz	dB	> 26.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	
750 - 860 MHz	dB	> 25.0	> 24.0	> 24.0	> 24.0	> 24.0	> 25.0	> 25.0	
860 - 1000 MHz	dB	> 25.0	> 24.0	> 24.0	> 22.0	> 22.0	> 24.0	> 24.0	
<b>Return loss (in)</b>									
5 - 40 MHz	dB	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	
40 - 470 MHz	dB	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	
470 - 750 MHz	dB	> 19.0	> 22.0	> 19.0	> 18.0	> 18.0	> 20.0	> 20.0	
750 - 860 MHz	dB	> 19.0	> 19.0	> 19.0	> 17.0	> 17.0	> 20.0	> 20.0	
860 - 1000 MHz	dB	> 19.0	> 19.0	> 18.0	> 17.0	> 17.0	> 18.0	> 18.0	
<b>Return loss (out)</b>									
5 - 40 MHz	dB	> 22.0	> 22.0	> 22.0	> 20.0	> 20.0	> 22.0	> 22.0	
40 - 470 MHz	dB	> 22.0	> 20.0	> 20.0	> 18.0	> 18.0	> 22.0	> 22.0	
470 - 750 MHz	dB	> 20.0	> 18.0	> 18.0	> 18.0	> 18.0	> 20.0	> 20.0	
750 - 860 MHz	dB	> 20.0	> 18.0	> 18.0	> 18.0	> 18.0	> 20.0	> 20.0	
860 - 1000 MHz	dB	> 19.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0		
Power pass		No	No	No	No	No	No		
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	0.070	0.085	0.106	0.138	0.135	0.085		
Dimensions (h x d x w)	mm	38 x 16 x 74	38 x 16 x 96	38 x 16 x 118	38 x 16 x 161	36 x 28 x 115	38 x 16 x 96		



**Technical data 5-1000 MHz professional range in 1-way taps**

TYPE Part No.		ATT 1-6 346106	ATT 1-8 346108	ATT 1-12 346112	ATT 1-16 346116	ATT 1-20 346120	ATT 1-24 346124	ATT 1-30 346130
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	1	1	1	1	1	1	1
Insertion loss (in - out)								
5 - 40 MHz	dB	< 2.4	< 2.1	< 0.9	< 0.8	< 0.7	< 0.7	< 0.7
40 - 470 MHz	dB	< 2.7	< 2.2	< 1.1	< 0.9	< 0.8	< 0.8	< 0.8
470 - 750 MHz	dB	< 3.0	< 2.4	< 1.2	< 1.0	< 1.0	< 1.0	< 1.0
750 - 860 MHz	dB	< 3.2	< 2.5	< 1.3	< 1.1	< 1.1	< 1.1	< 1.1
860 - 1000 MHz	dB	< 3.4	< 2.7	< 1.5	< 1.2	< 1.2	< 1.2	< 1.2
Tap loss (in - tap)								
5 - 40 MHz	dB	6.0 (± 1.5)	8.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)	30.0 (± 1.0)
40 - 470 MHz	dB	6.0 (± 1.5)	8.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)	30.0 (± 1.0)
470 - 750 MHz	dB	6.0 (± 1.5)	8.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)	30.0 (± 1.0)
750 - 860 MHz	dB	6.0 (± 1.5)	8.0 (± 1.2)	12.0 (± 1.2)	16.0 (± 1.2)	20.0 (± 1.2)	24.0 (± 1.2)	30.0 (± 1.2)
860 - 1000 MHz	dB	6.0 (± 2.0)	8.0 (± 1.5)	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
Isolation (out - tap)								
5 - 40 MHz	dB	> 25.0	> 24.0	> 24.0	> 28.0	> 32.0	> 36.0	> 36.0
40 - 470 MHz	dB	> 28.0	> 28.0	> 28.0	> 30.0	> 32.0	> 34.0	> 34.0
470 - 750 MHz	dB	> 25.0	> 25.0	> 25.0	> 28.0	> 30.0	> 33.0	> 33.0
750 - 860 MHz	dB	> 24.0	> 25.0	> 26.0	> 28.0	> 30.0	> 32.0	> 32.0
860 - 1000 MHz	dB	> 23.0	> 24.0	> 25.0	> 27.0	> 29.0	> 31.0	> 31.0
Return loss (in - out)								
5 - 40 MHz	dB	> 21.0	> 19.0	> 21.0	> 21.0	> 22.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 22.0	> 22.0	> 22.0
470 - 750 MHz	dB	> 19.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
Return loss (tap)								
5 - 40 MHz	dB	> 18.0	> 18.0	> 19.0	> 22.0	> 22.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 22.0	> 22.0	> 22.0
470 - 750 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 20.0	> 20.0	> 20.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No	No	No
Connectors		F-connector	F-connector	F-connector	F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE	CE	CE	CE
Impedance	Ohm	75	75	75	75	75	75	75
Weight	kg	0.070	0.070	0.070	0.070	0.070	0.070	0.070
Dimensions (h x d x w)	mm	38 x 16 x 74	38 x 16 x 74	38 x 16 x 74	38 x 16 x 74	38 x 16 x 74	38 x 16 x 74	38 x 16 x 74

# Triax taps - ATT series [5-1000 MHz]

KLASSE **A**  
CLASS GRADE 1



## Technical data 5-1000 MHz professional series in 2-way taps

TYPE Part No.		ATT 2-8 346208	ATT 2-10 346210	ATT 2-12 346212	ATT 2-16 346216	ATT 2-20 346220	ATT 2-24 346224
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	2	2	2	2	2	2
Insertion loss (in - out)							
5 - 40 MHz	dB	< 3.6	< 2.5	< 2.2	< 1.0	< 0.7	< 0.7
40 - 470 MHz	dB	< 3.7	< 2.8	< 2.5	< 1.2	< 0.8	< 0.8
470 - 750 MHz	dB	< 3.9	< 3.0	< 2.8	< 1.3	< 0.9	< 0.9
750 - 860 MHz	dB	< 4.1	< 3.2	< 3.0	< 1.5	< 1.1	< 1.1
860 - 1000 MHz	dB	< 4.3	< 3.5	< 3.2	< 1.8	< 1.5	< 1.5
Tap loss (in - tap)							
5 - 40 MHz	dB	8.0 (± 1.0)	10.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)
40 - 470 MHz	dB	8.0 (± 1.0)	10.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)
470 - 750 MHz	dB	8.0 (± 1.2)	10.0 (± 1.2)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)
750 - 860 MHz	dB	8.0 (± 1.2)	10.0 (± 1.5)	12.0 (± 1.5)	16.0 (± 1.2)	20.0 (± 1.2)	24.0 (± 1.2)
860 - 1000 MHz	dB	8.0 (± 1.5)	10.0 (± 2.0)	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
Isolation (tap - tap)							
5 - 40 MHz	dB	> 22.0	> 22.0	> 24.0	> 24.0	> 24.0	> 24.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
470 - 750 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
750 - 860 MHz	dB	> 24.0	> 24.0	> 24.0	> 24.0	> 24.0	> 24.0
860 - 1000 MHz	dB	> 23.0	> 23.0	> 23.0	> 23.0	> 23.0	> 23.0
Isolation (out - tap)							
5 - 40 MHz	dB	> 26.0	> 30.0	> 30.0	> 28.0	> 32.0	> 32.0
40 - 470 MHz	dB	> 25.0	> 27.0	> 30.0	> 30.0	> 30.0	> 30.0
470 - 750 MHz	dB	> 22.0	> 25.0	> 28.0	> 28.0	> 28.0	> 28.0
750 - 860 MHz	dB	> 21.0	> 25.0	> 25.0	> 25.0	> 26.0	> 26.0
860 - 1000 MHz	dB	> 20.0	> 24.0	> 25.0	> 25.0	> 26.0	> 26.0
Return loss (in - out)							
5 - 40 MHz	dB	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
470 - 750 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 17.0	> 17.0	> 18.0	> 18.0	> 18.0	> 18.0
Return loss (tap)							
5 - 40 MHz	dB	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
470 - 750 MHz	dB	> 17.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
750 - 860 MHz	dB	> 17.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 17.0	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No	No
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	0.085	0.085	0.085	0.085	0.085	0.085
Dimensions (h x d x w)	mm	38 x 16 x 96	38 x 16 x 96	38 x 16 x 96	38 x 16 x 96	38 x 16 x 96	38 x 16 x 96



### Technical data 5-1000 MHz professional series in 3-way taps

TYPE Part No.		ATT 3-10 346310	ATT 3-12 346312	ATT 3-16 346316	ATT 3-20 346320
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	3	3	3	3
Insertion loss (in - out)					
5 - 40 MHz	dB	< 3.9	< 2.3	< 1.1	< 0.9
40 - 470 MHz	dB	< 4.0	< 2.4	< 1.3	< 1.0
470 - 750 MHz	dB	< 4.2	< 2.6	< 1.5	< 1.1
750 - 860 MHz	dB	< 4.4	< 2.8	< 1.7	< 1.3
860 - 1000 MHz	dB	< 4.6	< 3.0	< 2.0	< 1.5
Tap loss (in - tap)					
5 - 40 MHz	dB	10.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)
40 - 470 MHz	dB	10.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)
470 - 750 MHz	dB	10.0 (± 1.0)	12.0 (± 1.2)	16.0 (± 1.0)	20.0 (± 1.0)
750 - 860 MHz	dB	10.0 (± 1.2)	12.0 (± 1.5)	16.0 (± 1.2)	20.0 (± 1.2)
860 - 1000 MHz	dB	10.0 (± 1.5)	12.0 (± 2.0)	16.0 (± 1.5)	20.0 (± 1.5)
Isolation (tap - tap)					
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 26.0	> 26.0	> 26.0	> 26.0
470 - 750 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
750 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
860 - 1000 MHz	dB	> 24.0	> 24.0	> 24.0	> 24.0
Isolation (out - tap)					
5 - 40 MHz	dB	> 30.0	> 35.0	> 30.0	> 34.0
40 - 470 MHz	dB	> 26.0	> 28.0	> 30.0	> 32.0
470 - 750 MHz	dB	> 25.0	> 26.0	> 28.0	> 30.0
750 - 860 MHz	dB	> 23.0	> 25.0	> 26.0	> 27.0
860 - 1000 MHz	dB	> 23.0	> 24.0	> 25.0	> 26.0
Return loss (in - out)					
5 - 40 MHz	dB	> 22.0	> 20.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 18.0	> 20.0	> 22.0	> 22.0
470 - 750 MHz	dB	> 18.0	> 18.0	> 18.0	> 20.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 17.0	> 17.0	> 17.0	> 17.0
Return loss (tap)					
5 - 40 MHz	dB	> 22.0	> 20.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 20.0	> 20.0	> 18.0	> 18.0
470 - 750 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No
Connectors		F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE
Impedance	Ohm	75	75	75	75
Weight	kg	0.106	0.106	0.106	0.106
Dimensions (h x d x w)	mm	38 x 16 x 118	38 x 16 x 118	38 x 16 x 118	38 x 16 x 118

# Triax taps - ATT series [5-1000 MHz]

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CLASS GRADE 1



## Technical data 5-1000 MHz professional series in 4-, 5- and 6 ways taps

TYPE Part No.		ATT 4-12 346412	ATT 4-16 346416	ATT 4-20 346420	ATT 5-12 346512	ATT 6-16 346616
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	4	4	4	5	6
Insertion loss (in - out)						
5 - 40 MHz	dB	< 3.6	< 2.2	< 0.9	< 3.6	< 2.3
40 - 470 MHz	dB	< 3.7	< 2.3	< 1.0	< 3.7	< 2.5
470 - 750 MHz	dB	< 3.8	< 2.5	< 1.1	< 3.8	< 2.7
750 - 860 MHz	dB	< 4.0	< 2.7	< 1.3	< 4.0	< 2.9
860 - 1000 MHz	dB	< 4.2	< 3.0	< 1.5	< 4.2	< 3.0
Tap loss (in - tap)						
5 - 40 MHz	dB	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.5)
40 - 470 MHz	dB	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.5)
470 - 750 MHz	dB	12.0 (± 1.2)	16.0 (± 1.2)	20.0 (± 1.0)	12.0 (± 1.2)	16.0 (± 1.5)
750 - 860 MHz	dB	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.2)	12.0 (± 1.5)	16.0 (± 1.5)
860 - 1000 MHz	dB	12.0 (± 2.0)	16.0 (± 2.0)	20.0 (± 1.5)	12.0 (± 2.0)	16.0 (± 2.0)
Isolation (tap - tap)						
5 - 40 MHz	dB	> 26.0	> 26.0	> 26.0	> 26.0	> 26.0
40 - 470 MHz	dB	> 26.0	> 26.0	> 26.0	> 26.0	> 26.0
470 - 750 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
750 - 860 MHz	dB	> 24.0	> 24.0	> 24.0	> 24.0	> 24.0
860 - 1000 MHz	dB	> 23.0	> 23.0	> 23.0	> 23.0	> 23.0
Isolation (out - tap)						
5 - 40 MHz	dB	> 28.0	> 30.0	> 32.0	> 28.0	> 36.0
40 - 470 MHz	dB	> 28.0	> 30.0	> 32.0	> 28.0	> 30.0
470 - 750 MHz	dB	> 26.0	> 28.0	> 30.0	> 26.0	> 25.0
750 - 860 MHz	dB	> 25.0	> 26.0	> 28.0	> 25.0	> 24.0
860 - 1000 MHz	dB	> 23.0	> 25.0	> 27.0	> 23.0	> 24.0
Return loss (in - out)						
5 - 40 MHz	dB	> 22.0	> 20.0	> 22.0	> 22.0	> 21.0
40 - 470 MHz	dB	> 20.0	> 20.0	> 22.0	> 20.0	> 20.0
470 - 750 MHz	dB	> 18.0	> 20.0	> 20.0	> 18.0	> 18.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 17.0
860 - 1000 MHz	dB	> 17.0	> 18.0	> 18.0	> 17.0	> 16.0
Return loss (tap)						
5 - 40 MHz	dB	> 22.0	> 22.0	> 22.0	> 22.0	> 19.0
40 - 470 MHz	dB	> 22.0	> 20.0	> 22.0	> 22.0	> 20.0
470 - 750 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 17.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No
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	0.138	0.138	0.138	0.138	0.131
Dimensions (h x d x w)	mm	38 x 16 x 161	38 x 16 x 161	38 x 16 x 161	38 x 16 x 161	36 x 28 x 115



## Technical data 5-1000 MHz professional multi taps

TYPE Part No.		ATM 4-12T 346413	ATM 6-12T 346617	ATM 8-12T 346812
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	4	6	8
Tap loss (In - Tap 1-2)				
5 - 40 MHz	dB	12.5 (± 1.0)	12.5 (± 1.0)	12.5 (± 1.0)
40 - 470 MHz	dB	12.5 (± 1.0)	12.5 (± 1.0)	12.5 (± 1.0)
470 - 750 MHz	dB	12.5 (± 1.2)	12.5 (± 1.2)	12.5 (± 1.2)
750 - 860 MHz	dB	12.5 (± 1.5)	12.5 (± 1.5)	12.5 (± 1.5)
860 - 1000 MHz	dB	12.5 (± 1.5)	12.5 (± 1.5)	12.5 (± 1.5)
Tap loss (In - Tap 3-4)				
5 - 40 MHz	dB	12.0 (± 1.0)	13.5 (± 1.2)	13.5 (± 1.2)
40 - 470 MHz	dB	12.0 (± 1.0)	13.5 (± 1.2)	13.5 (± 1.2)
470 - 750 MHz	dB	12.0 (± 1.2)	13.5 (± 1.5)	13.5 (± 1.2)
750 - 860 MHz	dB	12.0 (± 1.5)	13.5 (± 2.0)	13.5 (± 1.5)
860 - 1000 MHz	dB	12.0 (± 2.0)	13.5 (± 2.0)	13.5 (± 1.5)
Tap loss (In - Tap 5-6)				
5 - 40 MHz	dB		14.5 (± 1.2)	14.5 (± 1.2)
40 - 470 MHz	dB		14.5 (± 1.2)	14.5 (± 1.2)
470 - 750 MHz	dB		14.5 (± 1.5)	14.5 (± 1.5)
750 - 860 MHz	dB		14.5 (± 2.0)	14.5 (± 2.0)
860 - 1000 MHz	dB		14.5 (± 2.5)	14.5 (± 2.0)
Tap loss (In - Tap 7-8)				
5 - 40 MHz	dB			15.5 (± 1.5)
40 - 470 MHz	dB			15.5 (± 1.5)
470 - 750 MHz	dB			15.5 (± 2.0)
750 - 860 MHz	dB			15.5 (± 2.5)
860 - 1000 MHz	dB			15.5 (± 2.5)
Isolation (Tap - Tap)				
5 - 40 MHz	dB	> 32.0	> 32.0	> 32.0
40 - 470 MHz	dB	> 30.0	> 30.0	> 30.0
470 - 750 MHz	dB	> 28.0	> 28.0	> 28.0
750 - 860 MHz	dB	> 28.0	> 28.0	> 28.0
860 - 1000 MHz	dB	> 28.0	> 28.0	> 28.0
Return loss (In - Tap)				
5 - 40 MHz	dB	> 22.0	> 22.0	> 22.0
40 - 470 MHz	dB	> 20.0	> 20.0	> 20.0
470 - 750 MHz	dB	> 18.0	> 18.0	> 18.0
750 - 860 MHz	dB	> 18.0	> 18.0	> 18.0
860 - 1000 MHz	dB	> 18.0	> 18.0	> 18.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No
Connectors		F-connector	F-connector	F-connector
Certification		CE	CE	CE
Impedance	Ohm	75	75	75
Weight	kg	0.138	0.138	0.135
Dimensions (h x d x w)	mm	38 x 16 x 161	38 x 16 x 161	36 x 28 x 115



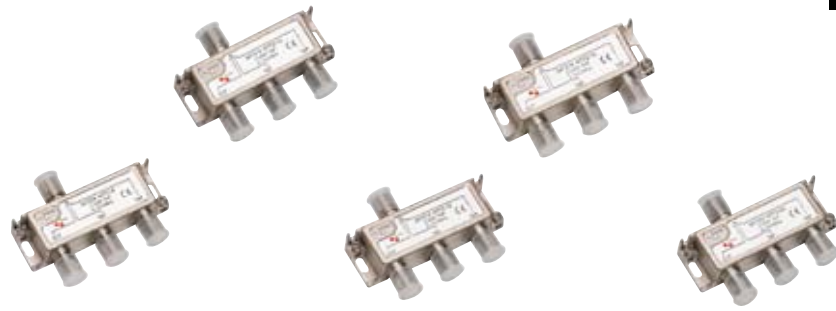
## Technical data 5-1000 MHz standard range in splitters

TYPE		HTS 2	HTS 3	HTS 4	HTS 6	HTS 8	HTS 12	HTS 16
Part No.		347002	347003	347004	347006	347008	347912	347916
Part No.	with DC pass	347012	347013	347014	347016	347018		
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	2	3	4	6	8	12	16
Insertion loss (in - out)								
5 - 40 MHz	dB	< 3.2	< 5.7	< 6.7	< 9.7	< 10.2	12.0	13.2
40 - 470 MHz	dB	< 3.5	< 5.8	< 6.7	< 10.2	< 10.2	13.0	13.2
470 - 860 MHz	dB	< 3.7	< 6.2	< 7.9	< 10.7	< 12.2	13.5	14.2
Isolation								
5 - 40 MHz	dB	> 28.0	> 25.0	> 25.0	> 25.0	> 25.0	>30	>30
40 - 470 MHz	dB	> 28.0	> 25.0	> 28.0	> 25.0	> 25.0	>30	>30
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	>30	>30
Return loss (in)								
5 - 40 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	>18	>18
40 - 470 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	>18	>18
470 - 860 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	>18	>18
Return loss (out)								
5 - 40 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	>18	>18
40 - 470 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	>18	>18
470 - 860 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	>18	>18
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No	No	No
Connectors		F-connector	F-connector	F-connector	F-connector	F-connector	F	F
Certification		CE	CE	CE	CE	CE	W	CE
Impedance	Ohm	75	75	75	75	75	75	75
Weight	kg	0.046	0.063	0.069	0.130	0.137	6.595	0.615
Dimensions (h x d x w)	mm	50 x 16 x 52	50 x 16 x 74	50 x 16 x 74	60 x 16 x 117	60 x 16 x 117	78 x 44 x 242	78 x 44 x 242




**Technical data 5-1000 MHz standard range in 1-way taps**

TYPE Part No.		HTT 1-6 347106	HTT 1-8 347108	HTT 1-12 347112	HTT 1-16 347116	HTT 1-20 347120	HTT 1-24 347124
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	1	1	1	1	1	1
Insertion loss (in - out)							
5 - 40 MHz	dB	< 2.5	< 1.5	< 0.9	< 0.7	< 0.7	< 0.7
40 - 470 MHz	dB	< 2.5	< 1.7	< 0.9	< 0.7	< 0.7	< 0.7
470 - 860 MHz	dB	< 2.7	< 2.2	< 1.2	< 0.9	< 0.9	< 0.9
Tap loss (in - tap)							
5 - 40 MHz	dB	6.5 (± 1.0)	8.5 (± 1.0)	12.5 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)
40 - 470 MHz	dB	6.0 (± 1.0)	8.5 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)
470 - 860 MHz	dB	6.0 (± 1.2)	8.8 (± 1.5)	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
Isolation (tap - tap)							
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
Isolation (out - tap)							
5 - 40 MHz	dB	> 20.0	> 25.0	> 30.0	> 32.0	> 35.0	> 35.0
40 - 470 MHz	dB	> 22.0	> 25.0	> 28.0	> 28.0	> 32.0	> 32.0
470 - 860 MHz	dB	> 20.0	> 22.0	> 25.0	> 30.0	> 30.0	> 30.0
Return loss (in - out)							
5 - 40 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
40 - 470 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
470 - 860 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
Return loss (tap)							
5 - 40 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
40 - 470 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
470 - 860 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No	No
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	0.046	0.046	0.046	0.046	0.046	0.046
Dimensions (h x d x w)	mm	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52



## Technical data 5-1000 MHz standard range in 2-way taps

TYPE Part No.		HTT 2-8 347208	HTT 2-10 347210	HTT 2-12 347212	HTT 2-16 347216	HTT 2-20 347220
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	2	2	2	2	2
Insertion loss (in - out)						
5 - 40 MHz	dB	< 3.3	< 2.5	< 1.7	< 0.9	< 0.7
40 - 470 MHz	dB	< 3.5	< 2.5	< 1.7	< 0.9	< 0.7
470 - 860 MHz	dB	< 4.2	< 3.2	< 2.2	< 1.2	< 0.9
Tap loss (in - tap)						
5 - 40 MHz	dB	8.0 (± 1.0)	10.0 (± 1.0)	12.5 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)
40 - 470 MHz	dB	8.0 (± 1.0)	10.0 (± 1.0)	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.5)
470 - 860 MHz	dB	8.0 (± 1.2)	10.0 (± 1.5)	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)
Isolation (tap - tap)						
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
Isolation (out - tap)						
5 - 40 MHz	dB	>30.0	> 25.0	> 28.0	> 32.0	> 40.0
40 - 470 MHz	dB	> 27.0	> 25.0	> 26.0	> 30.0	> 35.0
470 - 860 MHz	dB	> 25.0	> 22.0	> 25.0	> 25.0	> 30.0
Return loss (in - out)						
5 - 40 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
40 - 470 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
470 - 860 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
Return loss (tap)						
5 - 40 MHz	dB	>25.0	> 25.0	> 25.0	> 26.0	> 26.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 23.0	> 25.0	> 25.0	> 25.0	> 25.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No
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	0.063	0.063	0.063	0.063	0.063
Dimensions (h x d x w)	mm	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74



### Technical data 5-1000 MHz standard range in 3-way taps

TYPE Part No.		HTT 3-10 347310	HTT 3-12 347312	HTT 3-16 347316	HTT 3-20 347320
Frequency range	MHz	5 - 1000	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	3	3	3	3
Insertion loss (in - out)					
5 - 40 MHz	dB	< 2.7	< 2.7	< 1.7	< 0.9
40 - 470 MHz	dB	< 2.9	< 2.9	< 1.7	< 0.9
470 - 860 MHz	dB	< 3.9	< 3.9	< 2.2	< 1.2
Tap loss (in - tap)					
5 - 40 MHz	dB	10.0 (± 1.5)	12.5 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)
40 - 470 MHz	dB	10.0 (± 1.5)	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)
470 - 860 MHz	dB	10.0 (± 1.5)	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)
Isolation (tap - tap)					
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
Isolation (out - tap)					
5 - 40 MHz	dB	> 25.0	> 25.0	> 32.0	> 32.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 30.0	> 30.0
470 - 860 MHz	dB	> 22.0	> 22.0	> 28.0	> 28.0
Return loss (in - out)					
5 - 40 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0
40 - 470 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0
470 - 860 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0
Return loss (tap)					
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No
Connectors		F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE
Impedance	Ohm	75	75	75	75
Weight	kg	0.069	0.069	0.069	0.069
Dimensions (h x d x w)	mm	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74



## Technical data 5-1000 MHz standard range in 4-way taps

TYPE Part No.		HTT 4-12 347412	HTT 4-16 347416	HTT 4-20 347420	HTT 4-24 347424
Frequency range	MHz	5 - 862	5 - 862	5 - 862	5 - 862
Outputs	pcs	4	4	4	4
Insertion loss (in - out)					
5 - 40 MHz	dB	< 2.9	< 1.5	< 0.7	< 0.7
40 - 470 MHz	dB	< 3.2	< 1.7	< 0.7	< 0.7
470 - 860 MHz	dB	< 3.7	< 2.1	< 1.2	< 1.2
Tap loss (in - tap)					
5 - 40 MHz	dB	12.0 (± 1.0)	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)
40 - 470 MHz	dB	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
470 - 860 MHz	dB	12.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
Isolation (tap - tap)					
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
Isolation (out - tap)					
5 - 40 MHz	dB	> 25.0	> 35.0	> 40.0	> 40.0
40 - 470 MHz	dB	> 25.0	> 30.0	> 35.0	> 35.0
470 - 860 MHz	dB	> 22.0	> 28.0	> 30.0	> 30.0
Return loss (in - out)					
5 - 40 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0
40 - 470 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0
470 - 860 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0
Return loss (tap)					
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No
Connectors		F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE
Impedance	Ohm	75	75	75	75
Weight	kg	0.092	0.092	0.092	0.092
Dimensions (h x d x w)	mm	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70


**Technical data 5-1000 MHz standard range in 6-way and 8-ways taps**

TYPE Part No.		HTT 6-16 347616	HTT 6-20 347620	HTT 6-24 347624	HTT 8-16 347816	HTT 8-20 347820	HTT 8-24 347824
Frequency range	MHz	5 - 862	5 - 862	5 - 862	5 - 1000	5 - 1000	5 - 1000
Outputs	pcs	6	6	6	8	8	8
Insertion loss (in - out)							
5 - 40 MHz	dB	< 2.0	< 1.2	< 1.2	< 2.5	< 1.2	< 1.2
40 - 470 MHz	dB	< 2.5	< 1.2	< 1.2	< 2.5	< 1.2	< 1.2
470 - 860 MHz	dB	< 2.9	< 2.2	< 2.2	< 2.9	< 1.9	< 1.9
Tap loss (lin - tap)							
5 - 40 MHz	dB	16.0 (± 1.0)	20.0 (± 1.0)	24.0 (± 1.0)	16.0 (± 1.5)	20.0 (± 1.0)	24.0 (± 1.0)
40 - 470 MHz	dB	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	16.0 (± 1.5)	20.0 (± 1.0)	24.0 (± 1.0)
470 - 860 MHz	dB	16.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	16.0 (± 2.0)	20.0 (± 1.8)	24.0 (± 1.8)
Isolation (tap - tap)							
5 - 40 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
40 - 470 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0	> 25.0
Isolation (Oout - tap)							
5 - 40 MHz	dB	> 25.0	> 30.0	> 30.0	> 27.0	> 30.0	> 30.0
40 - 470 MHz	dB	> 25.0	> 30.0	> 30.0	> 25.0	> 30.0	> 30.0
470 - 860 MHz	dB	> 25.0	> 28.0	> 28.0	> 28.0	> 25.0	> 25.0
Return loss (in - out)							
5 - 40 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
40 - 470 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
470 - 860 MHz	dB	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0	> 10.0
Return loss (tap)							
5 - 40 MHz	dB	> 23.0	> 23.0	> 23.0	> 24.0	> 24.0	> 24.0
40 - 470 MHz	dB	> 24.0	> 24.0	> 24.0	> 25.0	> 25.0	> 25.0
470 - 860 MHz	dB	> 20.0	> 21.0	> 21.0	> 22.0	> 22.0	> 22.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		No	No	No	No	No	No
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	0.134	0.134	0.134	0.137	0.137	0.137
Dimensions (h x d x w)	mm	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117



## Technical data 5-1000 MHz standard range in multi taps

TYPE Part No.		HTM 4-12T 347413	HTM 6-12T 347617	HTM 8-12T 347810	TTM 12 343912	TTM 16 343916
Frequency range	MHz	5 - 862	5 - 862	5 - 862	5 - 862	5 - 862
Outputs	pcs	4	6	8	12	16
Insertion loss (in - out)						
5 - 40 MHz	dB	4.0 (± 1.5)	6.0 (± 1.5)	8.0 (± 1.5)	Terminal	Terminal
40 - 470 MHz	dB	4.0 (± 1.5)	6.0 (± 1.5)	8.0 (± 1.5)		
470 - 860 MHz	dB	4.0 (± 1.5)	6.0 (± 1.5)	8.0 (± 1.5)		
Tap loss (in - tap)		(± 1.5)	(± 1.5)	(± 1.5)	(± 1.5)	(± 1.5)
5 - 860 MHz Tap 1-4	dB	13.0/13.5/14.5/15.5	13.0/13.5/15.5/14.5	13.0/14.0/15.0/16.0	13.0/13.5/15.0/15.5	13.0/13.5/15.0/15.5
5 - 860 MHz Tap 5-8	dB		16.5/17.5	17.0/18.0/19.0/20.0	16.0/16.5/18.0/19.0	16.0/16.5/18.0/19.0
5 - 860 MHz Tap 9-12	dB				19.5/20.0/21.5/22.0	19.5/20.0/21.5/22.0
5 - 860 MHz Tap 13-16	dB					23.5/24.0/25.0/25.5
Isolation (tap - tap)						
5 - 40 MHz	dB	> 32.0	> 32.0	> 30.0	> 30.0	> 30.0
40 - 470 MHz	dB	> 32.0	> 32.0	> 30.0	> 30.0	> 30.0
470 - 860 MHz	dB	> 30.0	> 30.0	> 30.0	> 30.0	> 30.0
Isolation (out - tap)						
5 - 40 MHz	dB	> 26.0	> 26.0	> 20.0	Terminal	Terminal
40 - 470 MHz	dB	> 26.0	> 26.0	> 20.0		
470 - 860 MHz	dB	> 22.0	> 22.0	> 20.0		
Return loss (tap)						
5 - 40 MHz	dB	> 32.0	> 32.0	> 30.0	> 30.0	> 30.0
40 - 470 MHz	dB	> 32.0	> 32.0	> 30.0	> 30.0	> 30.0
470 - 860 MHz	dB	> 30.0	> 30.0	> 30.0	> 30.0	> 30.0
Shielding efficiency VHF/UHF	dB	≥ 75.0	≥ 75.0	≥ 75.0	≥ 75.0	≥ 75.0
Power pass		Yes	Yes	Yes	No	No
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	0.183	0.183	0.205	0.595	0.615
Dimensions (h x d x w)	mm	54 x 42 x 84	54 x 42 x 84	54 x 42 x 107	78 x 44 x 242	78 x 44 x 242



**Technical data 5-2400 MHz standard range in splitters**

TYPE Part No.		STS 2 348002	STS 3 348003	STS 4 348004	STS 6 348006	STS 8 348008
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	< 4.2	< 7.2	< 8.2	< 11.2	< 11.7
40 - 1000 MHz	dB	< 4.7	< 7.7	< 8.2	< 11.7	< 12.2
1000 - 1750 MHz	dB	< 6.2	< 9.7	< 10.2	< 11.7	< 15.2
1750 - 2150 MHz	dB	< 6.5	< 10.7	< 10.9	< 16.7	< 18.0
2150 - 2400 MHz	dB	< 6.7	< 11.2	< 12.5	< 16.7	< 18.2
Return loss (in)						
5 - 40 MHz	dB	> 18.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 17.0	> 18.0	> 18.0	> 14.0	> 14.0
1000 - 1750 MHz	dB	> 15.0	> 15.0	> 15.0	> 16.0	> 16.0
1750 - 2150 MHz	dB	> 14.0	> 15.0	> 16.0	> 15.0	> 15.0
2150 - 2400 MHz	dB	> 15.0	> 14.0	> 16.0	> 16.0	> 15.0
Return loss (out)						
5 - 40 MHz	dB	> 16.0	> 18.0	> 18.0	> 18.0	> 20.0
40 - 1000 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
1000 - 1750 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 17.0	> 17.0	> 17.0	> 17.0	> 18.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		All	All	All	All	All
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	0.046	0.063	0.069	0.130	0.137
Dimensions (h x d x w)	mm	50 x 16 x 52	50 x 16 x 74	50 x 16 x 74	60 x 16 x 117	60 x 16 x 117

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



## Technical data 5-2400 MHz standard range in 1-way taps

TYPE Part No.		STT 1-8 348108	STT 1-10 348110	STT 1-12 348112	STT 1-16 348116	STT 1-20 348120	STT 1-24 348124
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	1	1	1	1	1	1
<b>Insertion loss</b>							
5 - 40 MHz	dB	< 2.2	< 1.7	< 1.5	< 1.2	< 1.2	< 1.2
40 - 1000 MHz	dB	< 2.2	< 1.9	< 1.7	< 1.2	< 1.2	< 1.2
1000 - 1750 MHz	dB	< 3.2	< 2.2	< 2.2	< 1.9	< 1.9	< 1.9
1750 - 2150 MHz	dB	< 4.7	< 3.2	< 2.7	< 2.2	< 2.2	< 2.2
2150 - 2400 MHz	dB	< 5.0	< 3.5	< 3.2	< 2.5	< 2.5	< 2.5
<b>Tap loss</b>							
5 - 40 MHz	dB	8.5 (± 2.0)	11.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
40 - 1000 MHz	dB	8.0 (± 1.5)	10.0 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
1000 - 1750 MHz	dB	8.0 (± 1.5)	10.0 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
1750 - 2150 MHz	dB	8.0 (± 2.0)	10.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
2150 - 2400 MHz	dB	8.5 (± 2.0)	10.5 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
<b>Isolation</b>							
5 - 40 MHz	dB	> 18.0	> 25.0	> 28.0	> 28.0	> 32.0	> 32.0
40 - 1000 MHz	dB	> 20.0	> 22.0	> 25.0	> 25.0	> 30.0	> 30.0
1000 - 1750 MHz	dB	> 20.0	> 22.0	> 22.0	> 25.0	> 25.0	> 25.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0	> 25.0	> 25.0
2150 - 2400 MHz	dB	> 18.0	> 18.0	> 20.0	> 22.0	> 25.0	> 25.0
<b>Return loss (in - out)</b>							
5 - 40 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
1000 - 1750 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
1750 - 2150 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
<b>Return loss (tap)</b>							
5 - 40 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 16.0	> 16.0
1000 - 1750 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
1750 - 2150 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
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	0.046	0.046	0.046	0.046	0.046	0.046
Dimensions (h x d x w)	mm	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52




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

TYPE Part No.		STT 2-10 348210	STT 2-12 348212	STT 2-16 348216	STT 2-20 348220
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	2	2	2	2
<b>Insertion loss</b>					
5 - 40 MHz	dB	< 4.2	< 2.7	< 2.7	< 1.7
40 - 1000 MHz	dB	< 3.2	< 2.7	< 2.7	< 1.7
1000 - 1750 MHz	dB	< 4.2	< 3.2	< 3.7	< 2.7
1750 - 2150 MHz	dB	< 4.7	< 4.2	< 4.2	< 3.2
2150 - 2400 MHz	dB	< 5.5	< 4.7	< 4.5	< 4.0
<b>Tap loss</b>					
5 - 40 MHz	dB	11.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)
40 - 1000 MHz	dB	10.5 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)
1000 - 1750 MHz	dB	10.5 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)
1750 - 2150 MHz	dB	10.5 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)
2150 - 2400 MHz	dB	10.5 (± 2.0)	12.0 (± 2.5)	15.0 (± 2.5)	20.0 (± 2.5)
<b>Isolation</b>					
5 - 40 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
40 - 1000 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
1000 - 1750 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
1750 - 2150 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
2150 - 2400 MHz	dB	> 28.0	> 28.0	> 28.0	> 28.0
<b>Return loss (in - out)</b>					
5 - 40 MHz	dB	> 18.0	> 22.0	> 22.0	> 23.0
40 - 1000 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0
1000 - 1750 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0
1750 - 2150 MHz	dB	> 16.0	> 18.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 16.0	> 18.0	> 20.0	> 20.0
<b>Return loss (tap)</b>					
5 - 40 MHz	dB	> 30.0	> 35.0	> 35.0	> 40.0
40 - 1000 MHz	dB	> 25.0	> 25.0	> 30.0	> 32.0
1000 - 1750 MHz	dB	> 25.0	> 25.0	> 30.0	> 30.0
1750 - 2150 MHz	dB	> 20.0	> 22.0	> 25.0	> 25.0
2150 - 2400 MHz	dB	> 18.0	> 20.0	> 22.0	> 22.0
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	0.063	0.063	0.063	0.063
Dimensions (h x d x w)	mm	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74	50 x 16 x 74



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

TYPE Part No.		STT 4-12 348412	STT 4-16 348416	STT 4-20 348420	STT 4-24 348424	STT 4-30 348430
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	4	4	4	4	4
Insertion loss (in - out)						
5 - 40 MHz	dB	< 4.7	< 2.7	< 1.2	< 2.7	< 1.2
40 - 1000 MHz	dB	< 4.7	< 3.2	< 1.7	< 3.2	< 1.7
1000 - 1750 MHz	dB	< 5.2	< 4.2	< 2.2	< 4.2	< 2.2
1750 - 2150 MHz	dB	< 6.2	< 5.2	< 3.2	< 5.2	< 3.2
2150 - 2400 MHz	dB	< 7.0	< 6.0	< 4.0	< 6.0	< 4.0
Tap loss						
5 - 40 MHz	dB	12.0 (± 2.0)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
40 - 1000 MHz	dB	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
1000 - 1750 MHz	dB	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)	30.0 (± 1.5)
1750 - 2150 MHz	dB	13.0 (± 2.0)	15.0 (± 2.0)	20.5 (± 2.0)	24.0 (± 2.0)	30.0 (± 2.0)
2150 - 2400 MHz	dB	14.0 (± 2.5)	16.0 (± 2.0)	21.0 (± 2.0)	24.0 (± 2.0)	30.0 (± 2.0)
Isolation						
5 - 40 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
40 - 1000 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
1000 - 1750 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
1750 - 2150 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
2150 - 2400 MHz	dB	> 21.0	> 21.0	> 21.0	> 21.0	> 21.0
Return loss (in - out)						
5 - 40 MHz	dB	> 20.0	> 30.0	> 35.0	> 30.0	> 35.0
40 - 1000 MHz	dB	> 23.0	> 23.0	> 25.0	> 23.0	> 25.0
1000 - 1750 MHz	dB	> 20.0	> 22.0	> 20.0	> 22.0	> 20.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
Return loss (tap)						
5 - 40 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
40 - 1000 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1000 - 1750 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 18.0	> 18.0	> 18.0	> 18.0	> 18.0
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	0.092	0.092	0.092	0.092	0.092
Dimensions (h x d x w)	mm	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70	60 x 16 x 70


**Technical data 5-2400 MHz standard range in 6- and 8-way taps**

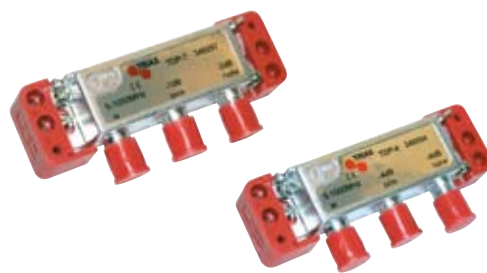
TYPE Part No.		STT 6-16 348616	STT 6-20 348620	STT 6-24 348624	STT 6-30 348630	STT 8-16 348816	STT 8-20 348820
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	6	6	6	6	8	8
Insertion loss (in - out)							
5 - 40 MHz	dB	< 4.5	< 2.5	< 2.0	< 2.0	< 4.5	< 2.5
40 - 1000 MHz	dB	< 5.0	< 3.0	< 3.0	< 3.0	< 5.0	< 3.0
1000 - 1750 MHz	dB	< 6.0	< 4.0	< 4.0	< 4.0	< 6.0	< 4.0
1750 - 2150 MHz	dB	< 7.0	< 5.0	< 5.0	< 5.0	< 7.0	< 5.0
2150 - 2400 MHz	dB	< 8.0	< 6.0	< 6.0	< 6.0	< 8.0	< 6.0
Tap loss							
5 - 40 MHz	dB	16.0 (± 2.0)	20.0 (± 2.0)	25.0 (± 2.0)	30.0 (± 2.0)	16.0 (± 2.0)	20.0 (± 2.0)
40 - 1000 MHz	dB	16.0 (± 2.0)	20.5 (± 2.0)	25.0 (± 2.0)	30.0 (± 2.0)	16.0 (± 2.0)	20.5 (± 2.0)
1000 - 1750 MHz	dB	18.0 (± 2.0)	21.0 (± 3.0)	25.0 (± 3.0)	30.0 (± 3.0)	18.0 (± 2.0)	21.0 (± 3.0)
1750 - 2150 MHz	dB	19.0 (± 3.0)	21.5 (± 4.0)	25.0 (± 4.0)	30.0 (± 4.0)	19.0 (± 3.0)	21.5 (± 4.0)
2150 - 2400 MHz	dB	19.0 (± 3.0)	21.5 (± 4.0)	25.0 (± 4.0)	30.0 (± 4.0)	19.0 (± 3.0)	21.5 (± 4.0)
Isolation							
5 - 40 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
40 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
1000 - 1750 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
1750 - 2150 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
Return loss (in)							
5 - 40 MHz	dB	> 25.0	> 30.0	> 30.0	> 40.0	> 25.0	> 30.0
40 - 1000 MHz	dB	> 22.0	> 20.0	> 20.0	> 20.0	> 22.0	> 20.0
1000 - 1750 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1750 - 2150 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
Return loss (out)							
5 - 40 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
40 - 1000 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1000 - 1750 MHz	dB	> 17.0	> 17.0	> 17.0	> 17.0	> 17.0	> 17.0
1750 - 2150 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
2150 - 2400 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
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	0.137	0.137	0.137	0.137	0.137	0.137
Dimensions (h x d x w)	mm	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117

# Triax TDP delivery point for TV/R and data

## Triax delivery point for separating TV/R and data signals

Mount a Triax TDP delivery point on the main connection cable to your SMATV system and get a stable and secure separation of your signal to your tv, radio and cable modem.

- High isolation
- Low insertion loss
- Class A shielding



## Technical data on TDP delivery points

TYPE Part No.		TDP-4 346094	TDP-7 346097
Frequency range	MHz	5 - 1000	5 - 1000
Outputs	pcs	TV/R/Data	TV/R/Data
Insertion loss			
5 - 40 MHz	dB	4.0	
40 - 1000 MHz	dB	4.0	
Tap loss			
5 - 40 MHz	dB		2.0
40 - 1000 MHz	dB		7.0
Isolation			
5 - 40 MHz	dB	> 50.0	> 50.0
40 - 1000 MHz	dB	> 50.0	> 50.0
Return loss (-1.5 dB/octav)			
5 - 40 MHz	dB	> 20.0	> 20.0
40 - 1000 MHz	dB	> 20.0	> 20.0
Shielding efficiency	dB	Class A (≥ 100.0)	Class A (≥ 100.0)
Power pass		No	No
Connectors		F-connector	F-connector
Certification		CE	CE
Impedance	Ohm	75	75
Weight	kg	0.063	0.063
Dimensions (h x d x w)	mm	50 x 16 x 74	50 x 16 x 74

