

# Dual set splitters and attenuators

**22330000**  
Dual set splitter  
0,15 ... 1.000 MHz



**53050000**  
AT-10



**5300900**  
RW-AT-9-65

## Dual set splitters 0,15 ... 1.000 MHz

- 2-way splitter for connecting two analogue devices to one antenna wall outlet.
- Not suitable for connection of interactive devices!
- 2-way splitter TV (IN =  $\odot$  IEC-F, OUT = 2 x  $\odot$  IEC-M)

Order No. 22330000

## Fixed-value attenuators in F-technique

Parameter	Frequency [MHz]	AT-2	AT-3	AT-4	AT-6	AT-8	AT-10
Loss [dB]	5 – 1.006	2 ( $\pm$ 0,3)	3 ( $\pm$ 0,3)	4 ( $\pm$ 0,3)	6 ( $\pm$ 0,3)	8 ( $\pm$ 0,3)	10 ( $\pm$ 0,3)
	1.006 – 2.400	–	–	–	–	–	–
Frequency range [MHz]		5 – 1.006					
Return loss [dB]	5 – 470	> 20					
	470 – 1.006	> 16					
Connectors		F-female/F-male					
Screening factor		Very high according EN 50083-2 Class A					
Diameter [mm]		11	11	11	11	11	11
Length [mm]		30	30	30	30	30	30
DC blocking		–	–	–	–	–	–
Order No.		53020000	53030000	53030400	53040000	53040800	53050000

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Parameter	Frequency [MHz]	AT-12	AT-14	AT-16	AT-18	AT-20
Loss [dB]	5 – 1.006	12 ( $\pm$ 0,3)	14 ( $\pm$ 0,3)	16 ( $\pm$ 0,3)	18 ( $\pm$ 0,3)	20 ( $\pm$ 0,3)
	1.006 – 2.400	–	–	–	–	–
Frequency range [MHz]		5 – 1.006				
Return loss [dB]	5 – 470	> 20				
	470 – 1.006	> 16				
Connectors		F-female/F-male				
Screening factor		Very high according EN 50083-2 Class A				
Diameter [mm]		11	11	11	11	11
Length [mm]		30	30	30	30	30
DC blocking		–	–	–	–	–
Order No.		53050200	53050300	53050400	53050600	53050800

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## Reverse path attenuator in F-technique

- Designed for a symmetrical adjustment of the reverse path loss of each subscriber connection within a house distribution network
- Fixed values of attenuation in the reverse band 5 – 65 MHz, very low through loss inside the forward band 85 – 1.000 MHz
- F-male and F-female connectors for direct mounting onto the passive distribution equipment, diameter 13 mm, length 41 mm
- Very high screening factor according EN 50083-2 Class A

Parameter	Frequency [MHz]	RW-AT-3-65	RW-AT-6-65	RW-AT-9-65	RW-AT-12-65	
Through loss [dB]	Reverse path	5 – 65	3,0 $\pm$ 0,5	6,0 $\pm$ 0,5	9,0 $\pm$ 0,5	12,0 $\pm$ 0,5
	Forward path	85 – 100	1,5 $\pm$ 0,5	1,7 $\pm$ 0,7	2,6 $\pm$ 0,7	2,7 $\pm$ 0,7
Return loss [dB typ.]		100 – 1.000	0,5 $\pm$ 0,7	0,5 $\pm$ 0,7	0,5 $\pm$ 0,7	0,5 $\pm$ 0,7
	Reverse path	5 – 55	18	18	18	18
		55 – 65	16	16	16	16
	Forward path	85 – 100	16	16	16	16
	100 – 1.000	18	18	18	18	
Order No.		53100300	53100600	53100900	53101200	

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