

# Band Stop Filter Docsis 3.1 H

The Band-Stop Filter Docsis 3.1 facilitates the migration to Docsis 3.1. The filters combine the needs for the TV packages with the needs for Docsis 3.1 data distribution. The TV package filters effectively remove all channels above a certain threshold defined by the operator. And with the need for data Docsis 3.1 distribution above the traditional TV band, the band stop filter opens up for transmission at the high frequencies.



Other pass/stop combinations are available upon request.

Type	Item no.:	Data	
BSF 518-822H	42481	Pass	5 - 518 MHz
		Stop	542 - 798 MHz
		Pass	822 - 1300 MHz
BSF 606-822H	42482	Pass	5 - 606 MHz
		Stop	630 - 798 MHz
		Pass	822 - 1300 MHz
BSF 678-822H	42483	Pass	5 - 678 MHz
		Stop	702 - 798 MHz
		Pass	822 - 1300 MHz

	BSF 518-822H		BSF 606-822H		BSF 678-822H	
<b>Pass band 1</b>	<b>5 - 518 MHz</b>		<b>5 - 606 MHz</b>		<b>5 - 678 MHz</b>	
Insertion loss	5-204 MHz	<0.2 dB	5-204 MHz	<0.2 dB	5-204 MHz	<0.2 dB
	204-475 MHz	0.5 dB (typ)	204-565 MHz	0.5 dB (typ)	204-635 MHz	0.5 dB (typ)
	475-518 MHz	<4.5 dB	565-606 MHz	<4.5 dB	635-678 MHz	<4.5 dB
Return loss	5-204 MHz	>18 dB	5-204 MHz	>18 dB	5-204 MHz	>18 dB
	204-475 MHz	>12 dB	204-565 MHz	>12 dB	204-635 MHz	>12 dB
	475-518 MHz	>10 dB	565-606 MHz	>10 dB	635-678 MHz	>10 dB
<b>Stop band</b>	<b>542 - 798 MHz</b>		<b>630 - 798 MHz</b>		<b>702 - 798 MHz</b>	
Rejection	542-790 MHz	>40 dB	630-790 MHz	>40 dB	702-790 MHz	>40 dB
Rejection	790-798 MHz	>35 dB	790-798 MHz	>35 dB	790-798 MHz	>35 dB
<b>Pass band 2</b>	<b>822 - 1300 MHz</b>					
Insertion loss	822-860 MHz				<4.5 dB	
	860-1300 MHz				<1.5 dB	
Return loss	822-1300 MHz				>10 dB	
Screening efficiency	Class A (EN 50083-2)					
Housing	Nickel plated Copper					
Connectors	F-male / F-female (EN 61169-24)					
Dimension	Ø 21 mm x L 57 mm					
Weight	48 g					