

Band Stop Filter Docsis 3.1

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 518-822	42481	Pass Stop Pass	5 - 518 MHz 540 - 782 MHz 822 - 1300 MHz
BSF 606-822	42482	Pass Stop Pass	5 - 606 MHz 638 - 782 MHz 822 - 1300 MHz
BSF 678-822	42483	Pass Stop Pass	5 - 678 MHz 714 - 782 MHz 822 - 1300 MHz

	BSF 518-822		BSF 606-822		BSF 678-822	
Pass band 1	5 - 518 MHz		5 - 606 MHz		5 - 678 MHz	
Insertion loss	5-475 MHz	0.5 dB (typ)	5-565 MHz	0.5 dB (typ)	5-635 MHz	0.5 dB (typ)
	475-518 MHz	<4 dB	565-606 MHz	<4 dB	635-678 MHz	<4 dB
Return loss	5-475 MHz	>12 dB	5-565 MHz	>12 dB	5-635 MHz	>12 dB
	475-518 MHz	>10 dB	565-606 MHz	>10 dB	635-678 MHz	>10 dB
Stop band	540 - 782 MHz		638 - 782 MHz		714 - 782 MHz	
Rejection	540-782 MHz	>40 dB	638-782 MHz	>40 dB	714-782 MHz	>40 dB
Pass band 2	822 - 1300 MHz					
Insertion loss	822-860 MHz				<3.5 dB	
	860-1300 MHz				<1.5 dB	
Return loss	822-860 MHz				>14 dB	
	860-1300 MHz				>16 dB	
Screening efficiency	Class A (EN 50083-2)					
Housing	Nickel plated Copper					
Connectors	F-male / F-female					
Dimension	Ø 20 mm x L 58 mm					
Weight	48 g					