

Block filters for star distribution CATV networks and return path block filter

for operations in SAT-IF-distribution networks

KLASSE
A
CLASS



57021200
HPF-12MH



57021500
HPF-15MH



57022500
HPF-25MHA



57226000
RSF-8-65

Block filters for star distribution CATV networks

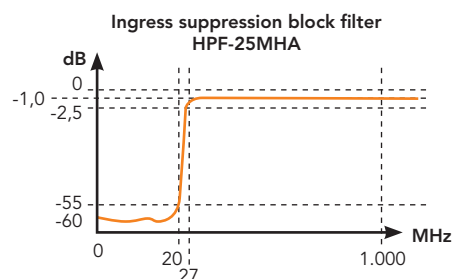
Parameter	Ingress suppression block filters		
	HPF-12MH	HPF-15MH	HPF-25MHA
Pass band [MHz]	12 – 1.006	15 – 1.006	25 – 1.006
Through loss [dB]	$\leq 1,0^{(1)}$	$\leq 1,0^{(2)}$	$\leq 1,0^{(3)}$
Stop band [MHz]	0 – 7	0 – 9	0 – 18
Rejection [dB]	> 55	> 55	> 55
Cross channels	–	–	–
Return loss [dB]	> 18*	> 18*	> 18*
Diameter [mm]	approx. 13	approx. 13	approx. 13
Length [mm]	41	41	41
Order No.	57021200	57021500	57022500

¹⁾ between 12 – 15 MHz $\leq 2,5$ dB max.

³⁾ between 25 – 30 MHz $\leq 2,5$ dB max.

²⁾ between 15 – 18 MHz $\leq 2,5$ dB max.

* f = 85 MHz -1,5 dB/Oct. (> 16 dB min.)

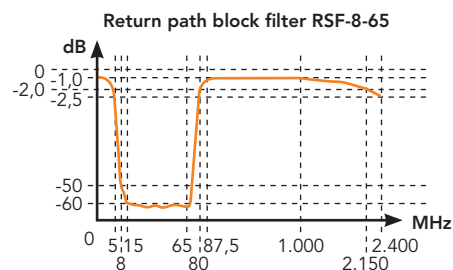


Return path block filter for operations in SAT-IF-distribution networks

- Block filter for blocking the return path frequency range in SAT-IF star-distribution networks in combination with multimedia applications
- Admission of the switching DC voltage and the 22 kHz and DiSEqC signals
- Very low crossing band width, very high rejection and low through loss
- Small rounded metal housing with integrated HEX 11 nut, F-male and F-female connectors
- High return loss, screening according EN 50083-2 Class A

Parameter	Frequency [MHz]	RSF-8-65
Pass band [MHz]		DC – 5 80 – 2.400
Through loss [dB]	DC – 5	$\leq 2,0$
	80 – 87,5	$\leq 2,0$
	87,5 – 1.000	$\leq 1,0$
	1.000 – 2.150	$\leq 2,0$
	2.150 – 2.400	$\leq 2,5$
Stop band [MHz]		8 – 65
Rejection [dB]		> 50
Cross channels		–
Return loss [dB]		> 16*
DC passing max.		30 V/500 mA
Diameter [mm]		21
Length [mm]		67
Order No.		57226000

* f = DC – 5 MHz & 80 MHz -1,5 dB/Oct. (> 12 dB min.)



We do not have the perfect block filter in our product portfolio yet?

We are happy to produce block filters according to your requirements, even in small quantities!

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