

Block filters for star distribution of CATV networks

KLASSE
A
CLASS



57225500
M-HPF-85

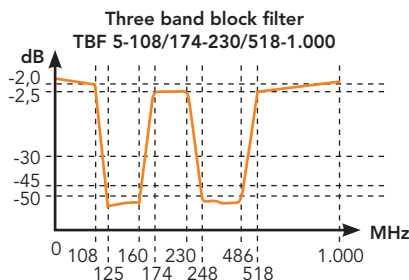
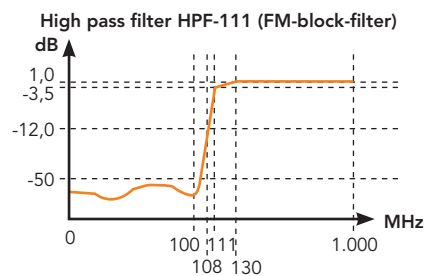
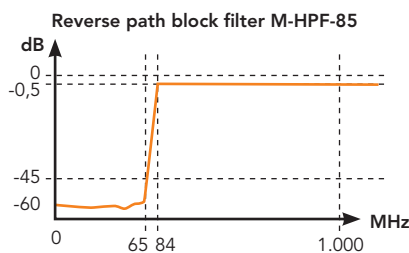
57011000
HPF-111

57180108
TBF 5-108/174-
230/518-1.000

- Block filters to lock out some channels or channel groups in CATV star distribution networks
- F-male and F-female connectors for direct mounting onto the passive F-distribution network
- Small, round metal housing with integrated HEX 11 nut (WHPF-xx with HEX 15 nut)
- Very low crossing band width, very high rejection and low through loss
- Very high return loss, screening according to EN 50083-2 Class A

Parameter	Reverse path block filters		High pass filter (FM-block filter)	Three band block filter
	WHPF-47E	M-HPF-85	HPF-111	TBF 5-108/174-230/518-1.000
Pass band [MHz]	47 – 1.000	84 – 1.000	111 – 1.000 (S 2 – K 69)	5 – 108 174 – 230 518 – 1.000
Through loss [dB]	≤ 1,0	≤ 1,5 ¹⁾ /≤ 0,5 ²⁾	≤ 3,5 (111 – 130 MHz), ≤ 1,0 (130 – 1.000 MHz)	2,0 (5 – 108 MHz) 2,5 (174 – 230 MHz) 2,5 (518 – 1.000 MHz)
Stop band [MHz]	0 – 30	0 – 64	0 – 108 (0 – UKW)	125 – 160 248 – 1.000
Rejection [dB]	> 50	> 60	> 50 (0 – 100 MHz) > 12 (100 – 108 MHz)	> 45
Cross channels [MHz]	–	–	–	–
Return loss [dB]	> 18*	> 20*	> 16 (111 – 130 MHz), > 18 (130 – 1.000 MHz)	16 dB typ (5 – 108 MHz) 16 dB typ (174 – 230 MHz) 16 dB typ (518 – 1.000 MHz)
Diameter [mm]	ca. 17	13	21	21
Length [mm]	48,2	39,5	45/57 (with/without F-female)	45/57 (with/without F-female)
Order No.	57215000	57225500	57011000	57180108

* f = 85 MHz -1,5 dB/Oct. (> 16 dB min.) ¹⁾ 85 – 108 MHz ²⁾ 108 – 1.000 MHz



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!