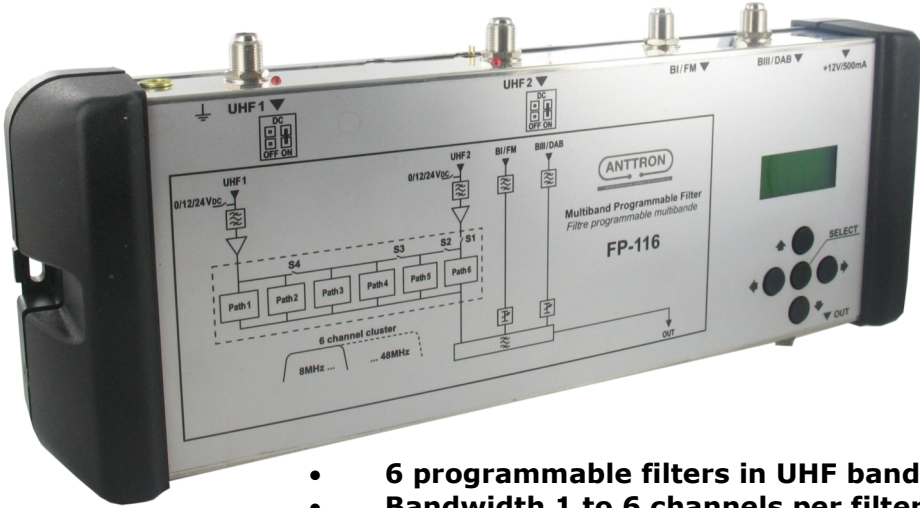


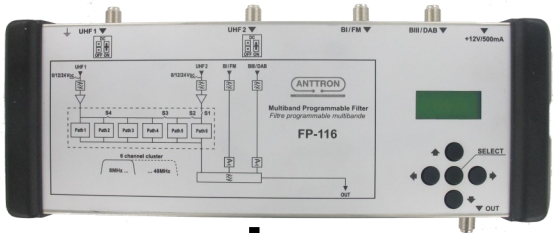


FP 116 Programmable filter

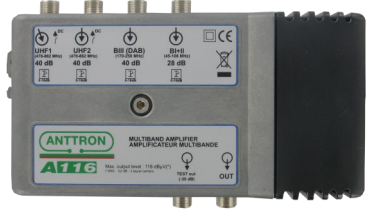


- **6 programmable filters in UHF band**
- **Bandwidth 1 to 6 channels per filter**
- **2 UHF inputs - programmable input configuration (6-0 / 5-1 / 4-2)**
- **Inputs BI-FM / BIII -DAB**
- **Programmable using touchpad on frontpanel**
- **Precise attenuation of levels using 1dB step attenuators**
- **Switchable DC supply for preamplifiers in 12 or 24V on each UHF input**
- **'Fine tuning' function for difficult reception areas.**

The ideal combination :
Filter + amplifier



+



or



TECHNICAL SPECIFICATIONS : FP 116				
Inputs	BI/FM	BIII - DAB	UHF1	UHF2
Frequency range	47-108 MHz	174-230 MHz	470-862 MHz	
Configuration of UHF inputs	/	/	4-2 / 5-1 / 6-0	
Gain	-3 +/- 2 dB	-3 +/- 2 dB	-1 +/- 3 dB	
Gain regulation	20 +/- 2 dB	20 +/- 2 dB	20 +/- 2 (for each filter) dB	
Noise figure	/	/	8 dB	
Maximum input level	/	/	78 dBμV	
Maximum output level	80 dBμV **		86 dBμV *	
Selectivity	/		> 1 dB / MHz	
Bandwidth of filters	-		1...6 channels (8...48 MHz)	
Gain variation (filter bandwidth 8 MHz)			Max. 3 dB	
Gain variation (filter bandwidth 16..48 MHz)			Max. 6 dB	
OTHERS				
DC supply preamplifiers	-		0-12-24V / 50 ma (each input)	
Short circuit indicator	-		LED - RED color	
Working temperature	-5...50 °C			
Power supply (external)	12VDC - 0.5 A			