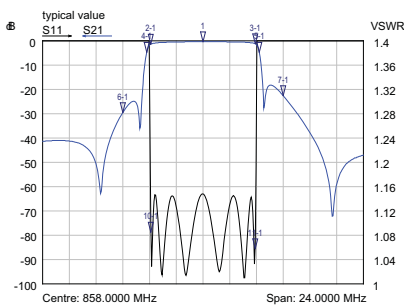
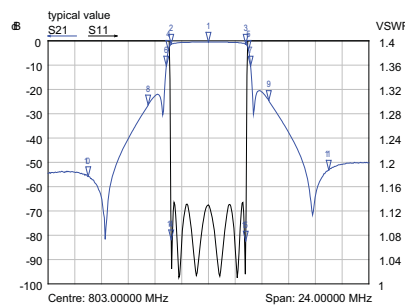


## 2.0 KW - 2.5 KW UHF DTV BANDPASS FILTER

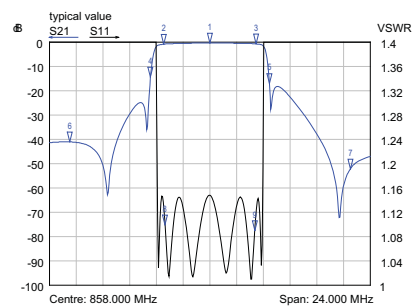
- mask filter for ATV and DTV
- for 6, 7 and 8 MHz channel bandwidth
- with cross coupling (notch function)
- tuneable within whole UHF range
- temperature compensated
- DC block
- installation horizontally or vertically



Typical diagram AS6193



Typical diagram AS6184



Typical diagram AS6289

<b>Part number</b>	<b>BN 61 65 18 C0010</b>					
Frequency range	470 - 860 MHz					
Number / Size of cavities	<b>6 / 150</b>					
Harmonics attenuation	≥ 50 dB for f ≤ 860 MHz					
TV standard	DVB-T @8 MHz (Ü/U <sub>rms</sub> = 13 dB)		ISDB-T @6 MHz (Ü/U <sub>rms</sub> = 13 dB)		DVB-T @7 MHz (Ü/U <sub>rms</sub> = 13 dB)	
Average input power	<b>≤ 2.5 kW</b>		<b>≤ 2 kW</b>		<b>≤ 2.25 kW</b>	
Tuning instruction	AS6193		AS6184		AS6289	
Insertion loss & Mask filtering (alternative tuning on request)	470 MHz	860 MHz	470 MHz	803 MHz	470 MHz	803 MHz
	f <sub>0</sub>	≤ 0.30 dB ≤ 0.45 dB	f <sub>0</sub>	≤ 0.4 dB ≤ 0.6 dB	f <sub>0</sub>	≤ 0.35 dB ≤ 0.50 dB
	f <sub>0</sub> ± 3.805	≤ 0.75 dB ≤ 1.20 dB	f <sub>0</sub> ± 2.79	≤ 1.1 dB ≤ 1.5 dB	f <sub>0</sub> ± 3.2	≤ 0.55 dB ≤ 0.85 dB
	f <sub>0</sub> ± 3.885	≤ 0.95 dB ≤ 1.40 dB	f <sub>0</sub> ± 3.00	≥ 3.5 dB	f <sub>0</sub> ± 4.2	≥ 13 dB
	f <sub>0</sub> ± 4.2	≥ 4 dB	f <sub>0</sub> ± 3.15	≥ 8.0 dB	f <sub>0</sub> ± 10.5	≥ 38 dB
	f <sub>0</sub> ± 6.0	≥ 20 dB	f <sub>0</sub> ± 4.5	≥ 23 dB		
	f <sub>0</sub> ± 12.0	≥ 40 dB	f <sub>0</sub> ± 9.0	≥ 48 dB		
			f <sub>0</sub> ± 15.0	≥ 50 dB		
VSWR (pass band range)	≤ 1.15		≤ 1.15		≤ 1.15	
Group delay variation	Δτ ≤ 350 ns		Δτ ≤ 500 ns		Δτ ≤ 150 ns	
Temperature stability	≤ 2 kHz / K					
Connectors	1 5/8" EIA					
Dimensions (L x W x H) mm	497 x 326 x 411					
Weight	ca. 28 kg					
Environmental conditions	for limitations see „Environmental Conditions for Broadcast Products“					