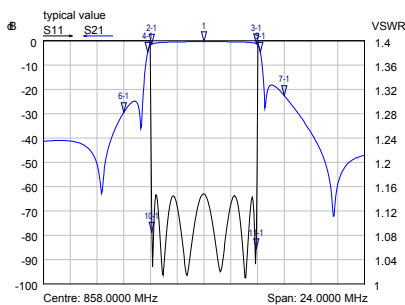


2.0 kW - 2.5 kW UHF DTV Bandpass Filters

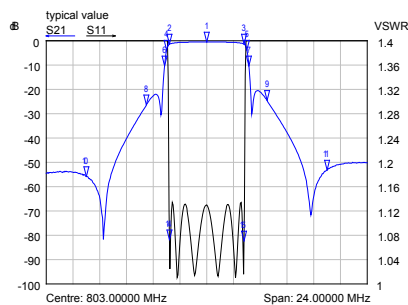
- Mask filter for ATV and DTV
- For 6, 7 and 8 MHz channel bandwidth
- With cross coupling (notch function)
- Tuneable within whole UHF range
- Temperature compensated
- DC block
- Installation horizontally or vertically



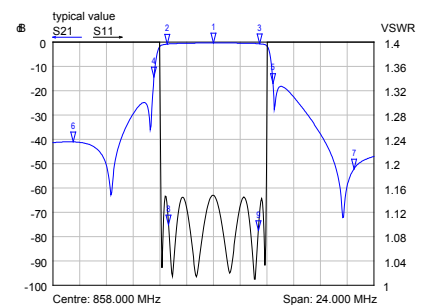
Bandpass Filters



Typical diagram AS6193



Typical diagram AS6184



Typical diagram AS6289

Part Number	BN 616518C1033		BN 616518C1031	
Frequency range	470 - 860 MHz			
Number/size of cavities	6/150			
Harmonics attenuation	≥ 50 dB for f ≤ 860 MHz			
TV standard	DVB-T @ 8 MHz ($\dot{U}/U_{rms} = 13$ dB)		ISDB-T @ 6 MHz ($\dot{U}/U_{rms} = 13$ dB)	
Average input power	≤ 2.5 kW		≤ 2 kW	
Tuning instruction	AS6193		AS6184	
Insertion loss & mask filtering (alternative tuning on request)	470 MHz 860 MHz		470 MHz 803 MHz	
	f_0	≤ 0.30 dB ≤ 0.45 dB	f_0	≤ 0.4 dB ≤ 0.6 dB
	$f_0 \pm 3.805$	≤ 0.75 dB ≤ 1.20 dB	$f_0 \pm 2.79$	≤ 1.1 dB ≤ 1.5 dB
	$f_0 \pm 3.885$	≤ 0.95 dB ≤ 1.40 dB	$f_0 \pm 3.00$	≥ 3.5 dB
	$f_0 \pm 4.2$	≥ 4 dB	$f_0 \pm 3.15$	≥ 8.0 dB
	$f_0 \pm 6.0$	≥ 20 dB	$f_0 \pm 4.5$	≥ 23 dB
	$f_0 \pm 12.0$	≥ 40 dB	$f_0 \pm 9.0$	≥ 48 dB
			$f_0 \pm 15.0$	≥ 50 dB
VSWR (passband range)	≤ 1.15		≤ 1.15	
Group delay variation	$\Delta\tau \leq 350$ ns		$\Delta\tau \leq 500$ ns	
Temperature stability	≤ 2 kHz / K			
Connectors	1 5/8" EIA		1 5/8" SMS unflanged	
Dimensions (L x W x H) mm	497 x 326 x 411			
Weight	≈ 28 kg			
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.			