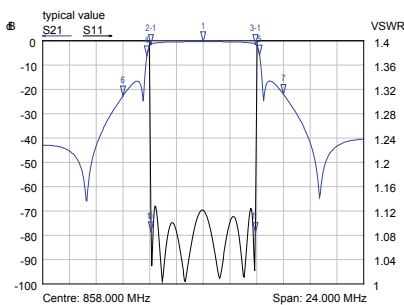
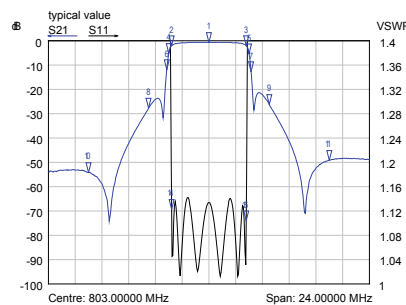


600 W - 750 W UHF DTV Bandpass Filter

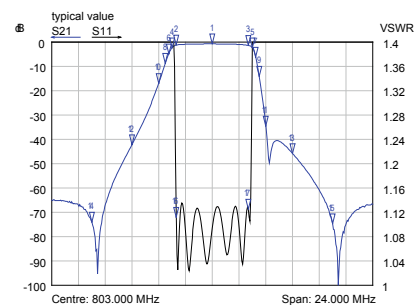
- Mask filter for ATV and DTV
- For 6, 7 and 8 MHz channel bandwidth
- With cross coupling (notch function)
- Tuneable within whole UHF range
- Temperature compensated
- DC block
- Installation horizontally or vertically
- Low profile design



Typical diagram AS6186



Typical diagram AS6182



Typical diagram AS6156

Part Number	BN 616402			
Frequency range	470 - 860 MHz			
Number/size of cavities	6/84			
Harmonics attenuation	≥ 50 dB for f ≤ 950 MHz			
TV standard	DVB-T @ 8 MHz ($\dot{U}/U_{ms} = 13$ dB)		ISDB-T @ 6 MHz ($\dot{U}/U_{ms} = 13$ dB)	
Average input power	≤ 750 W		≤ 600 W	
Tuning instruction	AS6186		AS6182	
Insertion loss & mask filtering (alternative tuning on request)	470 MHz 860 MHz		470 MHz 803 MHz	
	f_0	≤ 0.4 dB ≤ 0.5 dB	f_0	≤ 0.5 dB ≤ 0.7 dB
	$f_0 \pm 3.805$	≤ 1.1 dB ≤ 1.4 dB	$f_0 \pm 2.79$	≤ 1.5 dB ≤ 2.1 dB
	$f_0 \pm 3.885$	≤ 1.2 dB ≤ 1.5 dB	$f_0 \pm 3.00$	≥ 4 dB
	$f_0 \pm 4.2$	≥ 4 dB	$f_0 \pm 3.15$	≥ 8 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
			$f_0 \pm 3.0$	≤ 1.8 dB ≤ 2.35 dB
			$f_0 \pm 3.25$	≥ 4 dB
			$f_0 \pm 3.5$	≥ 8 dB
			$f_0 \pm 4.0$	≥ 15 dB
			$f_0 \pm 6.0$	≥ 40 dB
			$f_0 \pm 9.0$	≥ 65 dB
VSWR (passband range)	≤ 1.15		≤ 1.15	
Group delay variation	$\Delta\tau \leq 330$ ns		$\Delta\tau \leq 500$ ns	
Temperature stability	≤ 2 kHz / K			
Connectors	7-16 female			
Dimensions (L x W x H) mm	328 x 174 x 377			
Weight	≈ 11 kg			
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.			