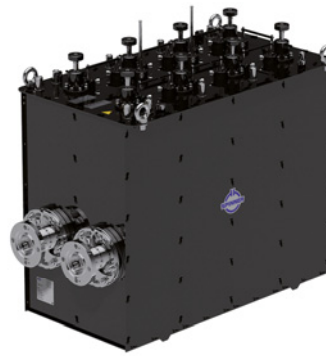
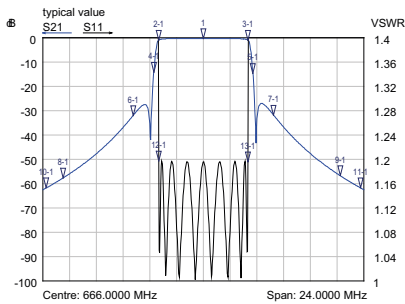


3.5 kW Band 3 DTV Bandpass Filters

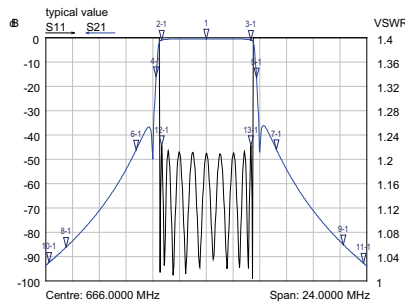
- Mask filters for ATV and DTV
- For 6, 7 and 8 MHz channel bandwidth
- With cross coupling (notch function)
- Tuneable within band 3
- Temperature compensated
- DC block
- Installation standing



Bandpass
Filters



Typical diagram AS8049



Typical diagram AS1001

Part Number	BN 617191	BN 617193
Frequency range	174 - 230 MHz	
Number/size of cavities	8/150	10/150
Mask filtering	DVB-T @ 7 MHz ($\dot{U}/U_{rms} = 13$ dB)	
Average input power	≤ 3.5 kW	
Tuning instruction	AS8049	AS1001
Insertion loss & mask filtering (alternative tuning on request)	$f_0 \leq 0.35$ dB $f_0 \pm 3.35 \leq 0.85$ dB $f_0 \pm 3.70 \geq 15.0$ dB $f_0 \pm 5.25 \geq 30.0$ dB $f_0 \pm 10.50 \geq 50.0$ dB $f_0 \pm 11.75 \geq 55.0$ dB	$f_0 \leq 0.50$ dB $f_0 \pm 3.35 \leq 1.60$ dB $f_0 \pm 3.70 \geq 15.0$ dB $f_0 \pm 5.25 \geq 40.0$ dB $f_0 \pm 10.50 \geq 65.0$ dB $f_0 \pm 11.75 \geq 70.0$ dB
VSWR (passband range)	≤ 1.20	≤ 1.22
Group delay variation	$\Delta\tau \leq 600$ ns	$\Delta\tau \leq 800$ ns
Temperature stability	≤ 2 kHz / K	
Connectors	1 5/8" EIA	
Dimensions (L x W x H) mm	650 x 326 x 680	804 x 348 x 683
Weight	≈ 68 kg	≈ 89 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.	