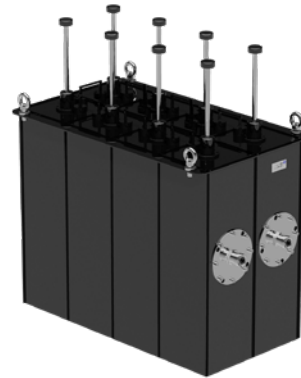
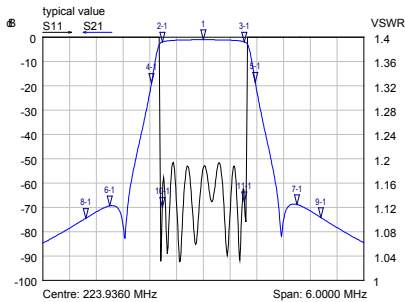


1.6 kW Band 3 DAB/T-DMB Bandpass Filter

- Mask filter for DAB and T-DMB
- For 1.54 MHz block bandwidth
- With cross coupling (notch function)
- Tuneable within band 3
- Temperature compensated
- DC block
- Installation standing



Bandpass Filters



Typical diagram AS8027

Part Number	BN 617183
Frequency range	170 - 240 MHz
Number/size of cavities	8/150
Harmonics attenuation	≥ 50 dB for $f \leq 500$ MHz
Mask filtering	DAB / T-DMB @ 1.54 MHz ($\dot{U}/U_{rms} = 13$ dB)
Average input power	≤ 1.6 kW
Tuning instruction	AS8027
Insertion loss & mask filtering (alternative tuning on request)	$f_0 \leq 1.20$ dB $f_0 \pm 0.77 \leq 2.10$ dB $f_0 \pm 0.97 \geq 15.0$ dB $f_0 \pm 1.75 \geq 45.0$ dB $f_0 \pm 2.20 \geq 65.0$ dB $f_0 \pm 3.00 \geq 80.0$ dB
VSWR (passband range)	≤ 1.2
Group delay variation	$\Delta\tau \leq 1000$ ns
Temperature stability	≤ 1 kHz / K
Connectors	7-16 female
Dimensions (L x W x H) mm	615 x 347 x 680
Weight	≈ 60 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.