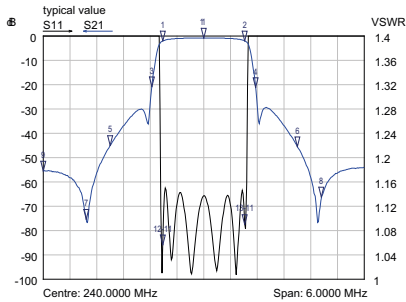


## 600 W Band 3 DAB/T-DMB Bandpass Filters

- Mask filters 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 horizontally or vertically



BN 617116C1025



Typical diagram AS6033

<b>Part Number</b>	<b>BN 617116C1025</b>
Frequency range	174 - 240 MHz
Number/size of cavities	<b>6/100</b>
Harmonics attenuation	≥ 50 dB for $f \leq 500$ MHz
<b>Mask filtering</b>	DAB / T-DMB @ 1.54 MHz ( $\dot{U}/U_{ms} = 13$ dB)
Average input power	≤ <b>600 W</b>
Tuning instruction	AS6033
Insertion loss & mask filtering (alternative tuning on request)	$f_0 \leq 0.9$ dB $f_0 \pm 0.77 \leq 2.2$ dB $f_0 \pm 0.97 \geq 15$ dB $f_0 \pm 1.75 \geq 45$ dB $f_0 \pm 2.20 \geq 53$ dB $f_0 \pm 3.00 \geq 53$ dB
VSWR (passband range)	≤ 1.15
Group delay variation	$\Delta\tau \leq 1200$ ns
Temperature stability	≤ 1 kHz / K
Connectors	7-16 female
Dimensions (L x W x H) mm	416 x 214 x 442
Weight	≈ 25 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.