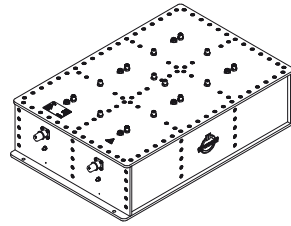
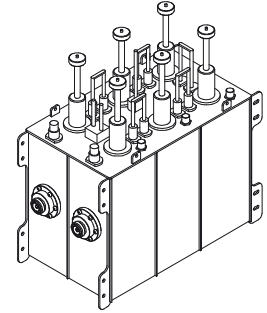


### 300 W - 500 W BAND 3 DAB / T-DMB BANDPASS FILTER

- mask filter for DAB and T-DMB
- for 1.54 MHz block bandwidth
- with cross coupling (notch function)
- tuneable within band 3 (BN 617115 with tuning kits)
- temperature compensated
- DC block
- installation horizontally or vertically

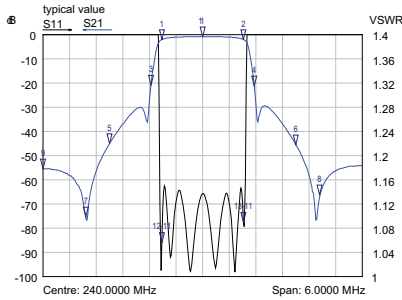


BN 61 71 15 C1015

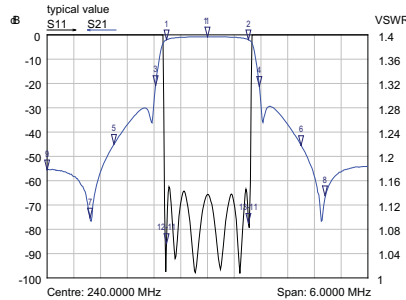


BN 61 71 16 C1025

Bandpassfilter  
Bandpass Filters



Typical diagram AS6353



Typical diagram AS6033

Part number	BN 61 71 15 C1015	BN 61 71 16 C1025
Frequency range	223 - 240 MHz	174 - 240 MHz
Number / Size of cavities	6 / 170	6 / 100
Harmonics attenuation	≥ 60 dB for $f \leq 720$ MHz	≥ 50 dB for $f \leq 500$ MHz
Mask filtering	DAB / T-DMB @1.54 MHz ( $\dot{U}/U_{rms} = 13$ dB)	
Average input power	≤ 300 W	≤ 600 W
Tuning instruction	AS6353	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 $f_0 \pm 2.20 \geq 50$ dB $f_0 \pm 3.00 \geq 50$ dB	$f_0 \leq 0.9$ 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 (pass band range)	≤ 1.15	≤ 1.15
Group delay variation	$\Delta\tau \leq 1200$ ns	$\Delta\tau \leq 1200$ ns
Temperature stability	≤ 1 kHz / K	≤ 1 kHz / K
Connectors	N female	7-16 female
Dimensions (L x W x H) mm	581 x 378 x 178	416 x 214 x 442
Weight	ca. 25 kg	ca. 25 kg
Environmental conditions	for limitations see „Environmental Conditions for Broadcast Products“	