

1.2 kW - 1.6 kW BAND L DAB/T-DMB Bandpass Filters

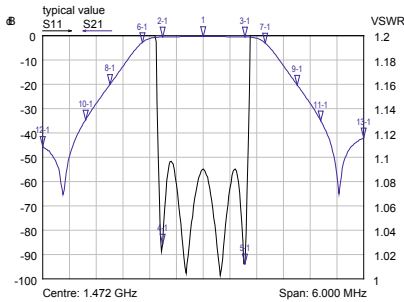
- Mask filters for DAB and T-DMB
- For 1,54 MHz block bandwidth
- With cross coupling (notch function)
- Temperature compensated
- Dual mode technique
- Mounted in 19" drawer
- DC block



BN 616511
BN 616512



BN 616513
BN 616514



Typical diagram AS4040

Part Number	BN 616511	BN 616513	BN 616512	BN 616514
Frequency range	1452 - 1468 MHz		1468 - 1492 MHz	
Number/size of cavities	4/DM			
Mask filtering	DAB / T-DMB @ 1.54 MHz ($\hat{U}/U_{rms}=13$ dB)			
Average input power	≤ 1.2 kW 7-16 female ≤ 1.6 kW 1 5/8" EIA			
Tuning instruction	AS4040			
Insertion loss & mask filtering (alternative tuning on request)	f_0 ≤ 0.50 dB $f_0 \pm 0.77$ ≤ 0.65 dB $f_0 \pm 0.97$ ≥ 0.80 dB $f_0 \pm 1.15$ ≥ 1.5 dB $f_0 \pm 1.75$ ≥ 12 dB $f_0 \pm 2.20$ ≥ 26 dB $f_0 \pm 3.00$ ≥ 40 dB			
VSWR (passband range)	≤ 1.10			
Group delay variation	$\Delta\tau \leq 110$ ns			
Temperature stability	≤ 1.5 kHz / K			
Connectors	7-16 Female	1 5/8" EIA	7-16 Female	1 5/8" EIA
Dimensions (L x W x H) mm	483 x 355 x 360			
Weight	≈ 25 kg	≈ 30 kg	≈ 25 kg	≈ 30 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.			