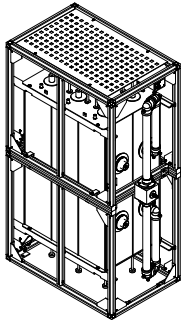
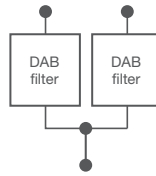
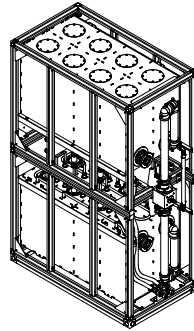


Band 3 DAB Starpoint Combiners

- Compact design
- For 1.54 MHz block width
- Integrated mask filters for DAB and T-DMB
- Temperature compensated
- Filters with cross coupling (notch function)



BN 576802



BN 576831

Part Number Cooling	BN 576802 Natural cooling	BN 576803 Natural cooling	BN 576830 Liquid cooling	BN 576831 Liquid cooling
Frequency range	174 - 240 MHz			
Block spacing	≥ 1			
Narrowband input	1 5/8" EIA			
Filter type integrated cavities/size	6/200 ≡ BN 617166	8/200 ≡ BN 617168	6/200 ≡ BN 617166	8/200 ≡ BN 617168
Temperature stability	≤ 1 kHz / K			
Harmonics attenuation	≥ 50 dB for f ≤ 500 MHz			
DAB and T-DMB mask filtering	DAB / T-DMB @ 1.54 MHz / (Û/U _{rms} =13 dB)			
Average input power	≤ 3.0 kW per input	≤ 3.1 kW per input	per input ≤ 5.5 kW @ 0-500 m ≤ 4.8 kW @ 1400 m ≤ 4.3 kW @ 2100 m ≤ 3.8 kW @ 2800 m ≤ 3.2 kW @ 3600 m	
Tuning instruction	AS6019	AS8042	AS6019	AS8181
Insertion loss & mask filtering (alternative tuning on request)	f ₀ ≤ 0.65 dB	f ₀ ≤ 0.7 dB	f ₀ ≤ 0.65 dB	f ₀ ≤ 0.7 dB
	f ₀ ± 0.77 ≤ 1.3 dB	f ₀ ± 0.77 ≤ 1.3 dB	f ₀ ± 0.77 ≤ 1.3 dB	f ₀ ± 0.77 ≤ 1.5 dB
	f ₀ ± 0.97 ≥ 12 dB	f ₀ ± 0.97 ≥ 15 dB	f ₀ ± 0.97 ≥ 12 dB	f ₀ ± 0.97 ≥ 20 dB
	f ₀ ± 1.15 ≥ 30 dB	f ₀ ± 1.15 ≥ 30 dB	f ₀ ± 1.15 ≥ 30 dB	f ₀ ± 1.15 ≥ 30 dB
	f ₀ ± 1.75 ≥ 40 dB	f ₀ ± 1.75 ≥ 50 dB	f ₀ ± 1.75 ≥ 40 dB	f ₀ ± 1.75 ≥ 50 dB
	f ₀ ± 2.2 ≥ 55 dB	f ₀ ± 2.2 ≥ 65 dB	f ₀ ± 2.2 ≥ 55 dB	f ₀ ± 2.2 ≥ 65 dB
f ₀ ± 3.0 ≥ 55 dB	f ₀ ± 3.0 ≥ 65 dB	f ₀ ± 3.0 ≥ 55 dB	f ₀ ± 3.0 ≥ 65 dB	
Group delay variation	Δτ ≤ 1000 ns	Δτ ≤ 1200 ns	Δτ ≤ 1000 ns	Δτ ≤ 1200 ns
Output	1 5/8" EIA			
Isolation between inputs	≥ 35 dB			
VSWR	≤ 1.2			
Dimensions (L x W x H) mm	900 x 520 x 1465	1100 x 520 x 1465	900 x 520 x 1465	1100 x 520 x 1465
Weight	≈ 190 kg	≈ 235 kg	≈ 195 kg	≈ 240 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.			