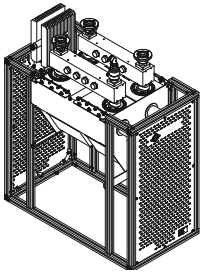
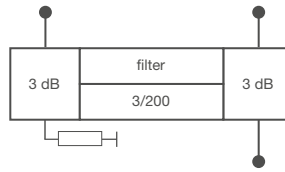
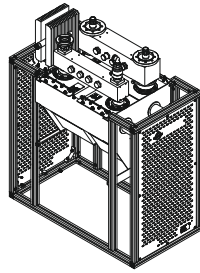


## CCS UHF CIB Combiners

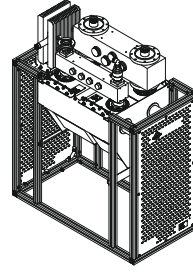
- **CCS** compact design
- For 6, 7 and 8 MHz channel bandwidth
- Temperature compensated
- Tuneable within the whole UHF range



BN 576040A0010



BN 576041A0010



BN 576042A0010

Multi Channel Combiners

Part Number	BN 576040A0010	BN 576041A0010	BN 576042A0010
Frequency range	470 - 800 MHz		
Channel spacing	≥ 2		
<b>Narrowband input</b>	1 5/8" EIA		
Filter type integrated cavities/size	<b>3/200 ≡ BN 616434</b>		
Temperature stability	≤ 2 kHz / K		
Harmonics attenuation	≥ 25 dB for f ≤ 860 MHz		
DTV mask filtering	No		
Channel width	8 MHz ( $\dot{U}/U_{rms}=13$ dB)		6 MHz ( $\dot{U}/U_{rms}=13$ dB)
Average input power	≤ 7 kW		≤ 7 kW
Tuning instruction	AS3002		AS3004
Insertion loss (alternative tuning on request)	470 MHz    860 MHz $f_0$ ≤ 0.15 dB    ≤ 0.20 dB $f_0 \pm 3.885$ ≤ 0.20 dB    ≤ 0.25 dB $f_0 \pm 20$ ≥ 17 dB		470 MHz    803 MHz $f_0$ ≤ 0.20 dB    ≤ 0.25 dB $f_0 \pm 3.0$ ≤ 0.20 dB    ≤ 0.25 dB $f_0 \pm 15$ ≥ 17 dB
Group delay variation	$\Delta\tau \leq 10$ ns		$\Delta\tau \leq 10$ ns
<b>Wideband input</b>	1 5/8" EIA	3 1/8" EIA male	4 1/2" EIA male
Average input power	≤ 7 kW	≤ 17.5 kW	≤ 33 kW
	Attention: The power at the wideband input must be reduced by 50 % of the power fed into the narrowband input.		
DTV mask filtering	No		
Insertion loss	≤ 0.1 dB (non adjacent)		
<b>Output</b>	1 5/8" EIA	3 1/8" EIA male	4 1/2" EIA male
Peak output voltage	≤ 8.5 kV	≤ 12.5 kV	≤ 15.5 kV
Average output power	≤ 7 kW	–	–
Isolation between inputs	≥ 35 dB		
VSWR (one WB channel)	≤ 1.06		
Dimensions (L x W x H) mm	900 x 480 x 1200		
Weight	≈ 80 kg	≈ 90 kg	≈ 100 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.		