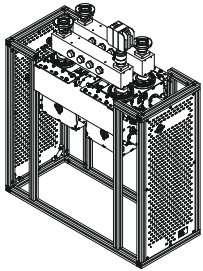
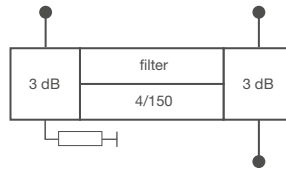
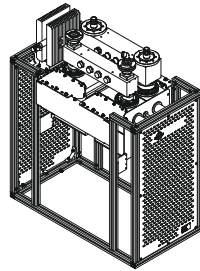


CCS UHF CIB Combiners

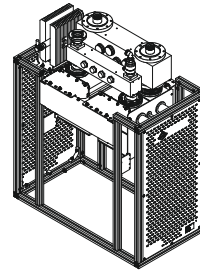
- **CCS** compact design
- For 6, 7 and 8 MHz channel bandwidth
- Temperature compensated
- Tuneable within the whole UHF range



BN 576030A0000



BN 576031A0010



BN 576032A0010

Part Number	BN 576030A0000	BN 576031A0010	BN 576032A0010
Frequency range		470 - 800 MHz	
Channel spacing		≥ 1	
Narrowband input		1 5/8" EIA	
Filter type integrated cavities/size		4/150 ≡ BN 616404	
Temperature stability		≤ 2 kHz / K	
Harmonics attenuation		≥ 40 dB for f ≤ 860 MHz	
DTV mask filtering		No	
Channel width	8 MHz ($\hat{U}/U_{rms}=13$ dB)		6 MHz ($\hat{U}/U_{rms}=13$ dB)
Average input power	≤ 7 kW ATV ≤ 5 kW DTV		≤ 7 kW ATV ≤ 5 kW DTV
Tuning instruction	AS4005		AS4034
Insertion loss (alternative tuning on request)		470 MHz 860 MHz f_0 ≤ 0.30 dB ≤ 0.35 dB $f_0 \pm 3.885$ ≤ 0.35 dB ≤ 0.40 dB $f_0 \pm 12$ ≥ 12 dB	470 MHz 803 MHz f_0 ≤ 0.35 dB ≤ 0.45 dB $f_0 \pm 3.0$ ≤ 0.45 dB ≤ 0.50 dB
Group delay variation	$\Delta\tau \leq 30$ ns		$\Delta\tau \leq 40$ ns
Wideband input	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)	
Output	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 390 x 1200	900 x 480 x 1200	900 x 480 x 1200
Weight	≈ 80 kg	≈ 90 kg	≈ 100 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.		