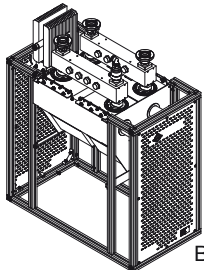
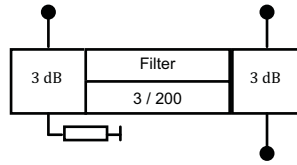
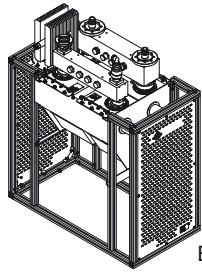


CCS UHF CIB COMBINERS

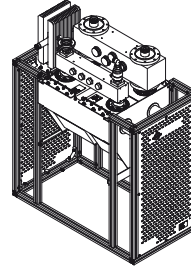
- **CCS** compact design
- for 6, 7 and 8 MHz channel bandwidth
- temperature compensated
- tuneable within the whole UHF range



BN 57 42 30 A0010



BN 57 42 29 A0010



BN 57 42 26 A0010

Part number	BN 57 42 30 A0010	BN 57 42 29 A0010	BN 57 42 26 A0010
Frequency range	470 - 860 MHz		
Channel spacing	≥ 2		
Narrow band input	1 5/8" EIA		
Filter type integrated cavities/size	3/200 ≡ BN 616434		
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 f_0 ≤ 0.15 dB $f_0 \pm 3.885$ ≤ 0.20 dB $f_0 \pm 20$ ≥ 17 dB	860 MHz ≤ 0.20 dB ≤ 0.25 dB	470 MHz f_0 ≤ 0.20 dB 803 MHz ≤ 0.25 dB $f_0 \pm 3.0$ ≤ 0.20 dB $f_0 \pm 15$ ≥ 17 dB
Group delay variation	$\Delta\tau \leq 10$ ns		$\Delta\tau \leq 10$ ns
Wide band 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
DTV Mask filtering	Attention: The power at the wide band input must be reduced by 50 % of the power fed into the narrow band input		
Insertion loss	no		
	≤ 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
Isolation between inputs	≥ 35 dB		
VSWR (one WB channel)	≤ 1.06		
Dimensions (L x W x H) mm	900 x 480 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“		