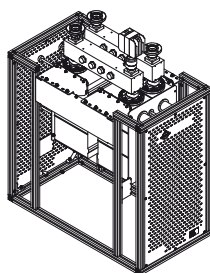
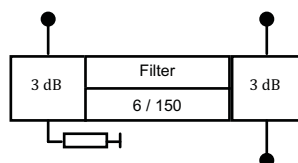
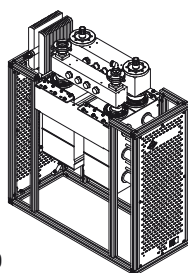


## CCS UHF CIB COMBINERS

- **CCS** compact design
- integrated mask filters for ATSC
- for 6 MHz channel bandwidth
- temperature compensated
- tuneable within the whole UHF range



BN 57 46 72 A0070



BN 57 46 62 A0000

Part number	BN 57 46 72 A0010	BN 57 46 62 A0000
Frequency range	470 - 860 MHz	
Channel spacing	≥ 1	
<b>Narrow band input</b>	1 5/8" EIA	
Filter type integrated cavities/size	<b>6/150 ≡ BN 616572</b>	
Temperature stability	≤ 2 kHz / K	
Harmonics attenuation	≥ 50 dB for f ≤ 860 MHz	
DTV mask filtering	ATSC @ 6 MHz ( $\dot{U}/U_{rms}=11$ dB)	
Average input power	≤ <b>4.5 kW</b>	
Tuning instruction	AS6081	
Insertion loss & Mask filtering (alternative tuning on request)	470	860
	$f_0$ ≤ 0.5 dB	≤ 0.6 dB
	$f_0 \pm 3.805$ ≤ 1.5 dB	≤ 1.8 dB
	$f_0 \pm 3.885$ ≤ 1.6 dB	≤ 2.0 dB
	$f_0 \pm 4.2$ ≥ 15 dB	
	$f_0 \pm 6$ ≥ 40 dB	
	$f_0 \pm 12$ ≥ 55 dB	
Group delay variation	$\Delta\tau \leq 200$ ns	
<b>Wide band input</b>	1 5/8" EIA	3 1/8" EIA male
Average input power	≤ 7 kW	≤ 17.5 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)	
<b>Output</b>	1 5/8" EIA	3 1/8" EIA male
Peak output voltage	≤ 8.5 kV	≤ 12.5 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	900 x 390 x 1200
Weight	≈ 95 kg	≈ 105 kg
Environmental conditions	for limitations see „Environmental Conditions for Broadcast Products“	