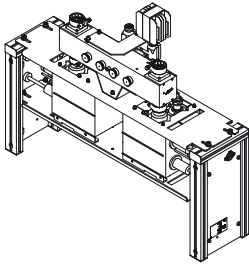
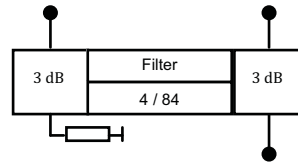
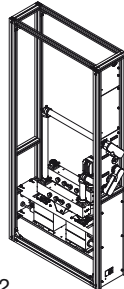


### CCS UHF CIB COMBINERS

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



BN 57 46 73 C0002



BN 57 46 74 inside switching rack

Part number	BN 57 46 73 C0002	BN 57 46 74 C0002	
Frequency range	470 - 860 MHz		
Channel spacing	≥ 1		
<b>Narrow band input</b>	7-16 female	1 5/8" SMS unflanged	
Filter type integrated cavities/size	<b>4/84 ≡ BN616400</b>		
Temperature stability	≤ 2 kHz / K		
Harmonics attenuation	≥ 45 dB for f ≤ 950 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	≤ 1.5 kW BN 5746 73 C0002 ≤ 2.5 kW BN 5746 74 C0002	≤ 1.5 kW BN 5746 73 C0002 ≤ 2.5 kW BN 5746 74 C0002	
Tuning instruction	AS4055	AS4038	
Insertion loss (alternative tuning on request)	470 MHz	860 MHz	
	$f_0$	≤ 0.4 dB	≤ 0.45 dB
	$f_0 \pm 3.805$	≤ 0.5 dB	≤ 0.6 dB
	$f_0 \pm 3.885$	≤ 0.5 dB	≤ 0.6 dB
	$f_0 \pm 12$	≥ 28 dB	
Group delay variation	$\Delta\tau \leq 90$ ns	$\Delta\tau \leq 100$ ns	
<b>Wide band input</b>	1 5/8" SMS unflanged		
Average input power	≤ 7 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" SMS unflanged		
Average output power	≤ 7 kW		
Peak output voltage	≤ 8.5 kV		
Isolation between inputs	≥ 35 dB		
VSWR (one WB channel)	≤ 1.06		
Dimensions (L x W x H) mm	900 x 226 x 660	900 x 226 x 965	
Weight	≈ 30 kg	≈ 40 kg	
Environmental conditions	for limitations see „Environmental Conditions for Broadcast Products“		