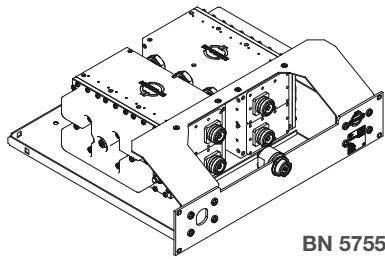
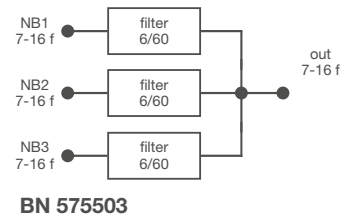
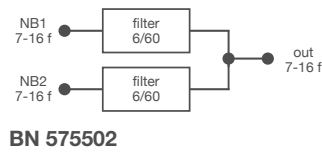
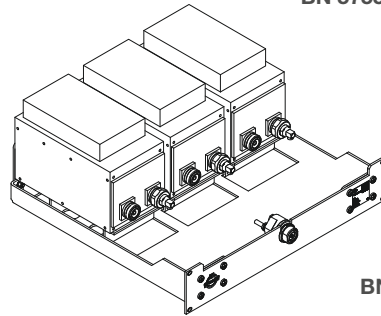


## UHF Starpoint Combiners

- Compact design as 19" slide-in unit
- Integrated mask filters for DTV
- Applicable within the whole UHF range
- For 6, 7 and 8 MHz channel bandwidth
- Temperature compensated
- Wall mount available



BN 575502



BN 575503

Part Number Number of Inputs	BN 575502 2-Way		BN 575503 3-Way						
Frequency range	470 - 860 MHz								
Channel spacing	≥ 1								
<b>Narrowband inputs</b>	7-16 female								
Filter type integrated cavities/size	6/60 ≡ BN 616566								
Temperature stability	≤ 2 kHz / K								
Harmonics attenuation	≥ 50 dB for f ≤ 1200 MHz								
DTV mask filtering	DVB-T @ 8 MHz ( $\dot{U}/U_{rms}=13$ dB)	ISDB-T @ 6 MHz ( $\dot{U}/U_{rms}=13$ dB)	ATSC 1.0 @ 6 MHz ( $\dot{U}/U_{rms}=11$ dB)						
Average input power	≤ 375 W		≤ 300 W	≤ 300 W					
Tuning instruction	AS6201		AS6192	AS6257					
Insertion loss & mask filtering (alternative tuning on request)	470 MHz	860 MHz	470 MHz	803 MHz	470 MHz	803 MHz			
	$f_0$	≤ 0.55 dB	≤ 0.65 dB	$f_0$	≤ 0.7 dB	≤ 0.85 dB	$f_0$	≤ 0.8 dB	≤ 1.1 dB
	$f_0 \pm 3.805$	≤ 1.35 dB	≤ 1.85 dB	$f_0 \pm 2.79$	≤ 1.7 dB	≤ 2.3 dB	$f_0 \pm 2.69$	≤ 1.5 dB	≤ 1.8 dB
	$f_0 \pm 3.885$	≤ 1.55 dB	≤ 2.10 dB	$f_0 \pm 3.00$	≥ 4 dB		$f_0 \pm 3.0$	≤ 2.7 dB	≤ 2.8 dB
	$f_0 \pm 4.2$	≥ 4 dB		$f_0 \pm 3.15$	≥ 8 dB		$f_0 \pm 3.25$	≥ 4 dB	
	$f_0 \pm 6.0$	≥ 20 dB		$f_0 \pm 4.5$	≥ 23 dB		$f_0 \pm 4.0$	≥ 15 dB	
	$f_0 \pm 12.0$	≥ 40 dB		$f_0 \pm 9.0$	≥ 48 dB		$f_0 \pm 6.0$	≥ 40 dB	
			$f_0 \pm 15.0$	≥ 50 dB		$f_0 \pm 9.0$	≥ 65 dB		
Group delay variation	$\Delta\tau \leq 350$ ns		$\Delta\tau \leq 350$ ns		$\Delta\tau \leq 200$ ns				
<b>Output</b>	7-16 female								
Average output power	≤ 900 W								
Peak output voltage	≤ 2 kV								
Isolation between inputs	≥ 35 dB								
VSWR	≤ 1.2								
Dimensions (L x W x H) mm	404 x 483 x 136		533 x 483 x 206						
Weight	≈ 17 kg		≈ 26 kg						
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.								