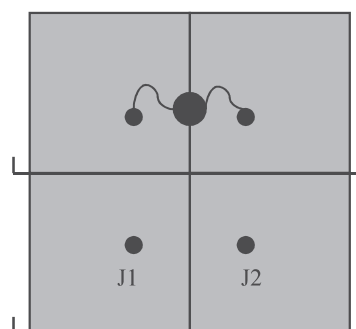


## STAR COMBINER

### 210 VHF double cavity

Combiners allow several radio channels to operate at one site using a common antenna. The MCPS 210 V double cavity star combiners are composed by 210mm cavities and a star connection combining from 2 to 8 channels in the VHF range. Two cavities are connected in series to improve selectivity. Their high power rating make them ideal for working with AM transmitters with high peak power. The input and output loops can be adjusted for the optimum combination of selectivity and insertion loss. The combiners can be supplied with or without external isolators.



MCPS210-V/2-2

#### Electrical Specifications

Frequency band:	118 - 144 MHz
Impedance:	50 $\Omega$
Input Power	200W CW
Insertion loss:	Adjustable 1.5 ÷ 4 dB

#### Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 5HU, depth 728 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knob, telescopic movement

Combiners	Channels	Cabinet 5HU	Total height HU	Attenuation dB $\pm 500$ kHz at 127.5 MHz
MCPS210-V/2-2	2	2	10	$\geq 32$
MCPS210-V/3-3	3	3	15	$\geq 32$
MCPS210-V/4-4	4	4	20	$\geq 32$
MCPS210-V/6-6	6	6	30	$\geq 32$

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