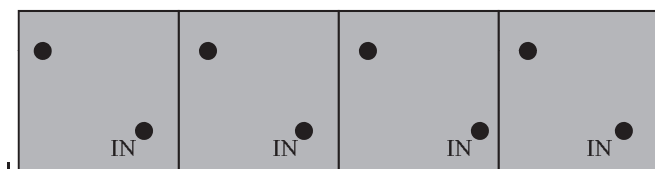


STAR COMBINER

120 VHF single cavity

Combiners allow several radio channels to operate at one site using a common antenna. The MCPS 120 V Star Combiners are composed by 120mm cavities and a star connection combining from 2 to 8 channels in the VHF range. The input and output loops can be adjusted for the optimum combination of selectivity and insertion loss. Four cavities can be placed in a standard 3 unit 19" cabinet.



MCPS120-V/4

Electrical Specifications

Frequency band:	112- 156 MHz
Impedance:	50 Ω
Input Power	100W
Insertion loss:	Adjustable 1 ÷ 3.5 dB

Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 3HU, depth 728 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knob, telescopic inner movement

Combiners	Channels	Cabinet 3HU	Total height HU	Selectivity dB ±500 kHz at 127.5 MHz
MCPS120-V/2	2	1	3	≥ 11
MCPS120-V/3	3	1	3	≥ 11
MCPS120-V/4	4	1	3	≥ 11
MCPS120-V/5	5	2	6	≥ 11
MCPS120-V/6	6	2	6	≥ 11
MCPS120-V/7	7	2	6	≥ 11
MCPS120-V/8	8	2	6	≥ 11

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