

Combiners VHF

STAR 120 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 6 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.

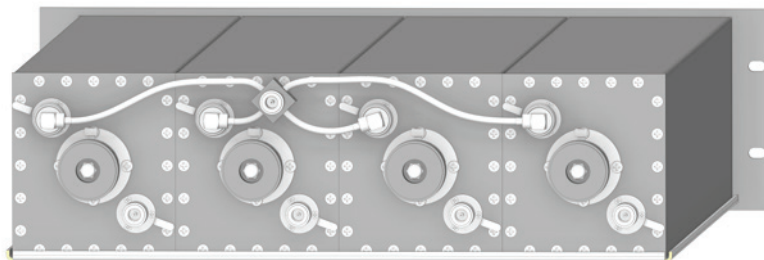
Electrical Specifications

Frequency band:	112 - 156 MHz
Impedance:	50 Ω
Input Power:	100W CW
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	Attenuation dB ± 500 kHz at 127.5 MHz
MCPS120-V/2 F06ER120M2SSxxxx	2	1	3	≥ 11
MCPS120-V/3 F06ER120M3SSxxxx	3	1	3	≥ 11
MCPS120-V/4 F06ER120M4SSxxxx	4	1	3	≥ 11
MCPS120-V/5 F06VR120M5SSxxxx	5	2	6	≥ 11
MCPS120-V/6 F06VR120M6SSxxxx	6	2	6	≥ 11



MCPS120-V/4