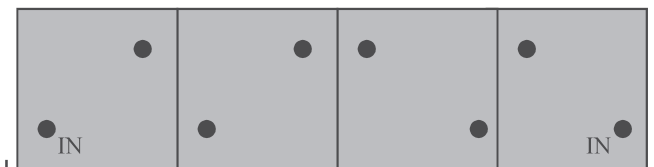


STAR COMBINER

120 UHF double cavity

Combiners allow several radio channels to operate at one site using a common antenna. The MCPS 120 U2-2 star combiner is composed by 120 mm cavities and a star connection which combines two channels in the UHF range.

Cavities are connected in series to improve selectivity. The input and output loops can be adjusted for the optimum combination of selectivity and insertion loss.



Electrical Specifications

Frequency band:	225 – 400 MHz
Impedance:	50 Ω
Max Power	100W CW
Insertion loss:	2 ÷ 4 dB

Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 3HU, depth 560 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knob, telescopic movement

Combiner	Channels	Cabinet 3HU	Total height HU	Attenuation
MCPS120-U/2-2	2	1	3	≥ 25 dB $\pm 0.4\%$ at 312 MHz

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