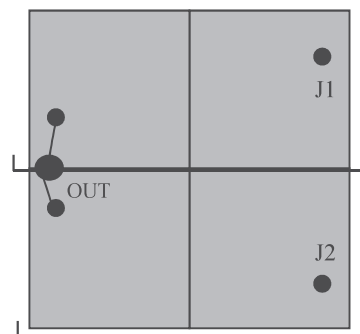


STAR COMBINER

210 UHF double cavity

Combiners are a vital system component for improving the quality of ATC radio communications. They are used to allow several radio channels to operate at the same site using a common antenna thus saving installation space. Each channel consists of two cavities connected in series. Their high power rating make them ideal for working with AM transmitters with high peak power. The combiner can be adjusted to obtain the optimum combination of selectivity and insertion loss. The combiners can be supplied with or without external isolators.



Electrical Specifications

Frequency band:	225 – 400 MHz
Impedance:	50 Ω
Max Power	200W CW
Insertion loss:	$\leq 2,0$ dB

Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 10HU, depth 600 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knob, telescopic movement

Combiner	Channels	Cabinet 5HU	Total height HU	Attenuation
MCPS210-U/2-2	2	2	10	≥ 32 dB @ ± 1.2 MHz
MCPS210-U/4-4	4	4	20	≥ 32 dB @ ± 1.2 MHz

TELMEC Soc. Coop a r.l. Via A. Meucci, 8 – 50015 Grassina, Florence, ITALY



Tel. +39 055 644071/644087 Fax +39 055 641485 E-mail: info@telmec.net - www.telmec.net

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