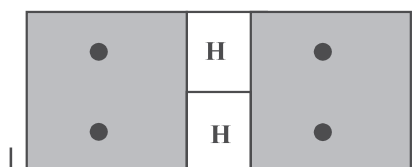


DOUBLE BRIDGE COMBINER

280 UHF cavity

Combiners allow several radio channels to operate at one site using a common antenna. The MCPD 280 U double bridge combiner guarantees isolation between channels with respect to manifold or starpoint combiners. It is composed by two 280mm UHF cavities and two hybrid devices. Expansion of channels is done easily in the field without need of instrumentation or filter retuning. Each channel is allocated in a single 5 unit cabinet. Up to 8 channels can be installed in a 42 units, 25" standard rack.



Electrical Specifications

Frequency band:	225 - 400 MHz
Impedance:	50 Ω
Input Power	100W CW
Insertion loss:	Adjustable 1 ÷ 3.5 dB

Mechanical Specifications

Connector Type:	N Female or 7/16
Dimensions for each channel:	25" rack, 5HU, depth 600 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knob, telescopic movement

Combiners	Channels	Cabinet 5HU	Attenuation
MCPD280-U#	2 ÷ 8	2 ÷ 8	13dB \pm 500 kHz at 312 MHz

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