

Combiners UHF

STAR 100 single cavity

Combiners allow several radio channels to operate at one site using a common antenna. The MCP 100 Star Combiners are composed by 100 UHF round cavities and a star connection combining two channels in the UHF range. The input and output loops can be adjusted for the optimum combination of selectivity and insertion loss.

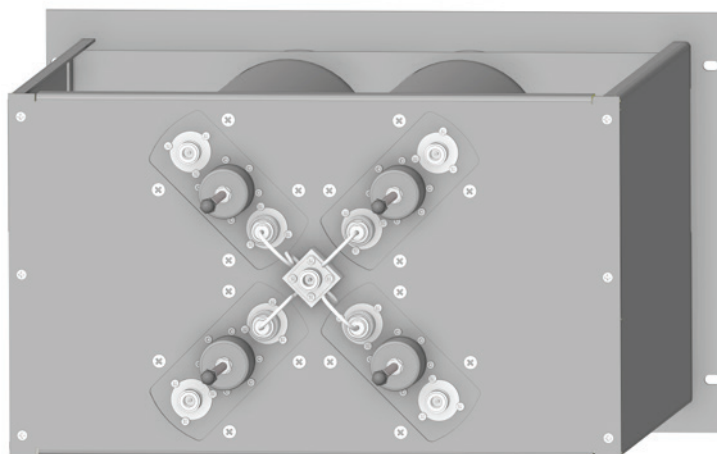
Electrical Specifications

Frequency band:	225 - 400 MHz
Impedance:	50 Ω
Max Power:	100W CW
Insertion loss:	< 2dB

Mechanical Specifications

Connector Type:	N Female
Dimensions:	19" rack, 4/6 HU, depth 620 mm
Operating temp.:	-10°C to +55°C
Tuning method:	Rotary knob, non telescopic movement

Cavity	Model	Attenuation	Spacing (%Fo)	Thermal Stability (ppm°C)	Input Power (CW)
100	MCP100-U/2 F06UC100M2SSxxxx	12dB \pm 0.75%Fo 1dB I.L.	0.33	5	100W
	MCP100-U/3 F06UC100M3SSxxxx	12dB \pm 0.75%Fo 1dB I.L.	0.33	5	100W
	MCP100-U/4 F06UC100M4SSxxxx	12dB \pm 0.75%Fo 1dB I.L.	0.33	5	100W



MCP100-U/4