

Combiners VHF

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 VHF round cavities and a star connection combining from 2 to 4 channels in the VHF range. The input and output loops can be adjusted for the optimum combination of selectivity and insertion loss.

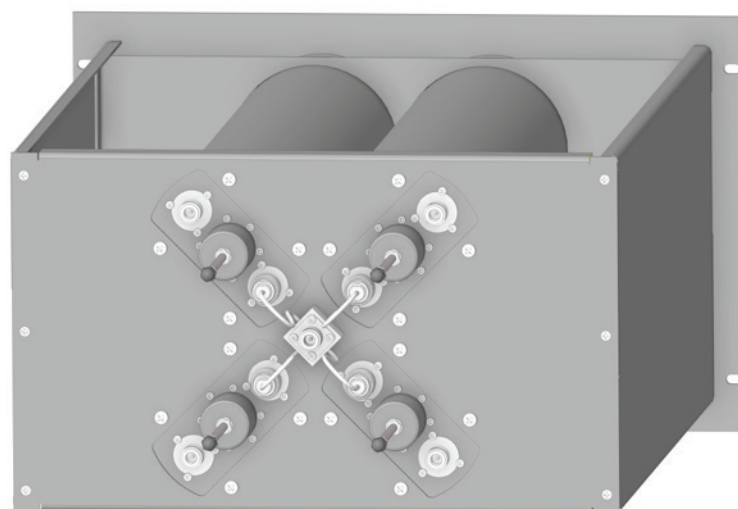
Electrical Specifications

Frequency band:	118 - 156 MHz
Impedance:	50 Ω
Input Power:	100W CW
Insertion loss:	\leq 2dB

Mechanical Specifications

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

Combiners	Attenuation	Spacing (%Fo)	Thermal Stability (ppm°C)	Input Power (CW)
MCP100-V/2 F06SC100M2Sxxxx	12dB \pm 0.75%Fo 1dB I.L.	0.33	3	100W
MCP100-V/3 F06SC100M3Sxxxx	12dB \pm 0.75%Fo 1dB I.L.	0.33	3	100W
MCP100-V/4 F06SC100M4Sxxxx	12dB \pm 0.75%Fo 1dB I.L.	0.33	3	100W



MCP100-V/4