

MODEL FDCSDC5

- **COMBINER 2 CHANNELS**
- **TYPE STAR POINT**
- **FM BAND 87.5÷108 MHz**
- **BAND II**
- **OPTION**

Model	Input Connector	Output Connector	Power Input	Power Output
FDCSDC5-1	7/8"	1+5/8"	5KW	10KW
FDCSDC5-2	1+5/8"	3+1/8"	5KW	10KW

The star combiner basically consist of parallel connecting several transmitters to a single antenna

system through suitable band pass filters, each on tuned transmitter frequency to witch it's connected.

The parallel connection is obtained by means of coaxial lines of determined length, so as provide for adequate isolation between transmitters.

TYPICAL SPECIFICATIONS

Model	FDCSDC5 – Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ±150KHz	1.1:1 max
Insertion Loss	at f_0 0.15 dB max
Return Loss ±150 KHz	≤ -26dB
Isolation ±1.8 MHz	≥ 30 dB
No. of input	2
No. of output	1
Connectors Standard	1+5/8" Input-Output (See table)
Max Power	5KW × 2 Channels
Working Temperature	-20°C ÷ +50°C
Colour	Enamel Gray Ral 7001
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min 12µm thickness)

Features:

- Distortion – Free Transmission
- Starpoint system with double pass-band cavity filters (standard configurations)
- Starpoint system with triple pass-band cavity filters
- Starpoint system with pass stop
- Low loss, high isolation
- Natural convection
- Option Group delay equalizer

STANDARD VERSION

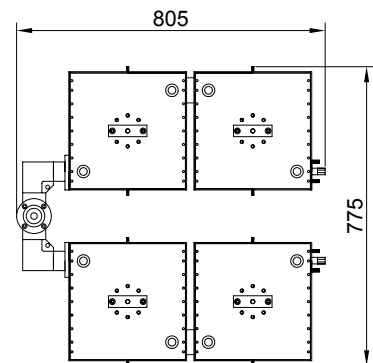
Dimensions	1400(Max size)×780×810 mm (55.1(Max size)×30.7×31.9 inch) (H×L×W)
Net Weight	≅ 90 Kg

OUT 3+1/8" VERSION

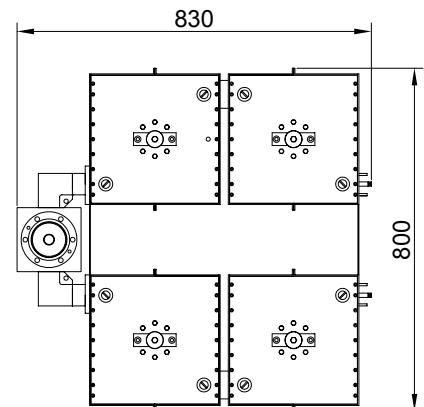
Dimensions	1400(Max size)×830×800 mm (55.1(Max size)×32.6×31.5 inch) (H×L×W)
Net Weight	≅ 90 Kg

SPECIAL VERSION

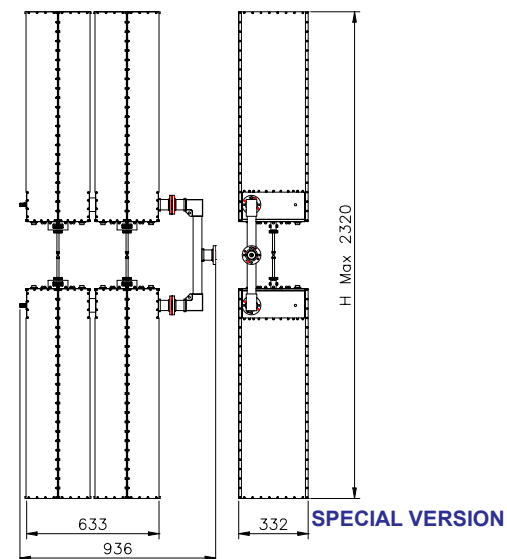
Dimensions	2320(Max size)×936×332 mm (91.3(Max size)×36.8×13.1 inch) (H×L×W)
Net Weight	≅ 200 Kg



STANDARD VERSION



OUT 3+1/8" VERSION



SPECIAL VERSION

"These specifications are subject to change without notice"



RVR GROUP

