

# MODEL FTCSDC2R

- **COMBINER 3 CHANNEL**
- **TYPE STAR POINT**
- **FM BAND 87.5-108 MHz**
- **BAND II**
- **RACK VERSION (option)**
- **OPTION**

Model	Input Connector	Output Connector	Power Input	Power Output
FTCSDC2R-1	N	7/16"	600W	1.8KW
FTCSDC2R-2	N	7/8"	600W	1.8KW
FTCSDC2R-3	7/16"	7/16"	660W	2KW
FTCSDC2R-4	7/16"	7/8"	1650W	5KW
FTCSDC2R-5	7/8"	7/8"	1650W	5KW

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.

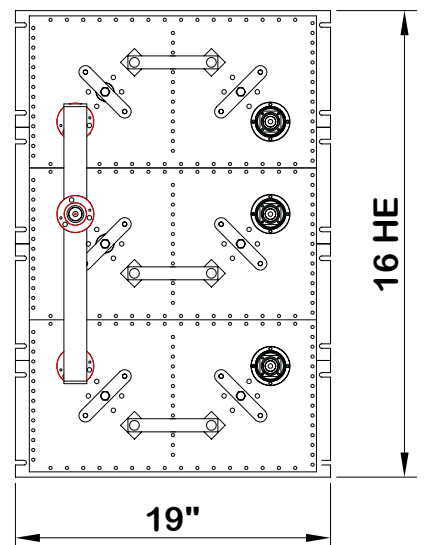
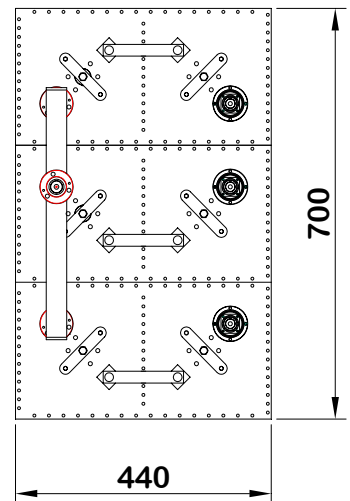
TYPICAL SPECIFICATIONS	
Model	FTCSDC2R
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ±150 KHz	1:1.1 max
Insertion Loss	at $f_0$ 0.25 dB max
Return Loss ±150Khz	≤ -26dB
Isolation ±1,5MHz	≥ 30 dB
Input Number	3
Output Number	1
Connectors Standard	Input 7/8" Output 7/8" (See table)
Max Power	2KW × 3 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
- Star point system with double pass-band cavity filters
- Star point system with pass stop
- Low loss, high isolation
- Natural convection
- Option Group delay equalizer
- Rack version Option

STANDARD VERSION	
Dimensions	710(Max size)×700×440mm (27.9(Max size)×27.6×17.3 inch) (H×L×W)
Net Weight	≅ 60 Kg

VERSION WITH RACK	
Dimensions	16 HE (714(H max) (28.1 (Max size) inch)
Net Weight	≅ 62 Kg



"These specifications are subject to change without notice"