

MODEL FDCSDC2

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

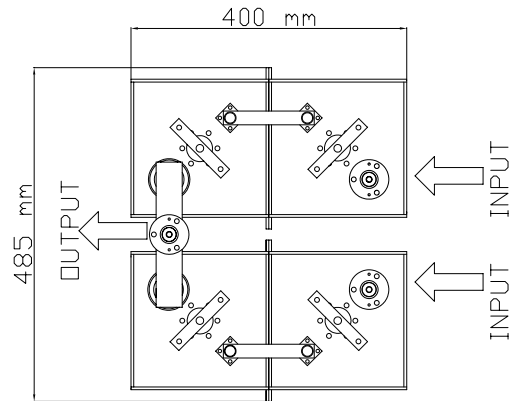
Model	Input Connector	Output Connector	Power Input	Power Output
FDCSDC2-1	N	7/16"	600W	1200W
FDCSDC2-2	N	7/8"	600W	1200W
FDCSDC2-3	7/16"	7/16"	1KW	2KW
FDCSDC2-4	7/16"	7/8"	2KW	4KW
FDCSDC2-5	7/8"	1+5/8"	2KW	4KW

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.



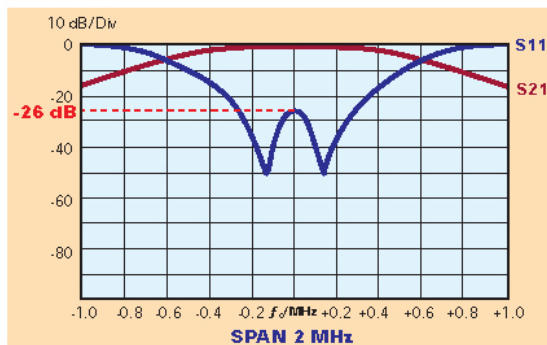
TYPICAL SPECIFICATIONS	
Model	FDCSDC2 – Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ±150 KHz	1:1.1 max
Insertion Loss	at f_0 0.25 dB max
Return Loss ±150Khz	≤ -26dB
Isolation ±2MHz	≥ 30 dB
No. of input	2
No. of output	1
Connectors standard	Input 7/8" (See table) Output 7/8"
Max Power	2KW × 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
- Star-point system with double pass-band cavity filters (standard configurations)
- Star-point system with triple pass-band cavity filters
- Star-point system with pass stop
- Low loss, high isolation
- Natural convection
- Option Group delay equalizer

Dimensions	1300(Max size)×485×400 mm (51.2(Max size)×19.09×15.74 inch) (H×L×W)
Net Weight	≅ 45 Kg



“These specifications are subject to change without notice”