

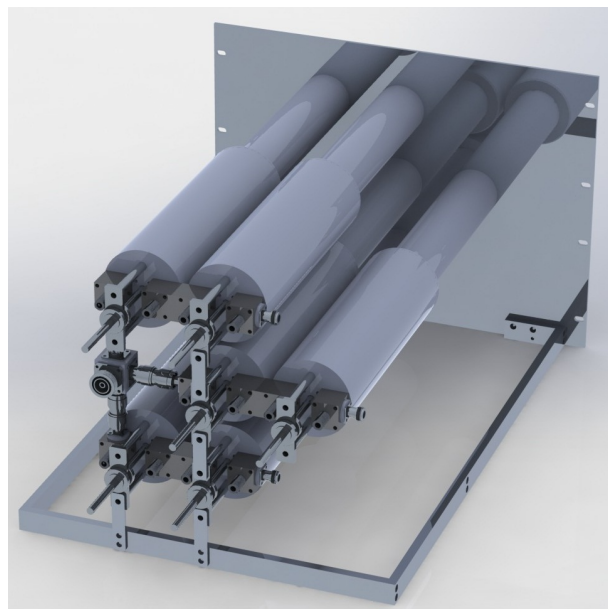
# MODEL FTCSDC03

- COMBINER 3 CHANNELS
- TYPE STAR POINT
- FM BAND 87.5÷108 MHz
- BAND II
- OPTION rack mounting

Model	Input Connector	Output Connector	Power Input	Power Output
FTCSDC03-1	N	N	200W	600W
FTCSDC03-2	N	7/8"	300W	900W

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	FTCSDC03 – Type STAR POINT		
Impedance	50 Ohm		
Frequency Range	87.5-108 MHz		
VSWR ±150 KHz	1.1:1 max		
Insertion Loss	at $f_0$ 0.6 - 0.7 dB max		
Return Loss ±150Khz	≤ -26 dB		
Isolation ±2.5MHz	≥ 30 dB		
Input Number	3		
Output Number	1		
Connectors Standard	Input N female	(See table)	
	Output 7/16"		
Max Power	300W X 3 Channels (Out 900W)		
Working Temperature	-20°C ÷ +50°C		
Colour	Enamel Gray Ral 7001		
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min 12µm thickness)		

### Features:

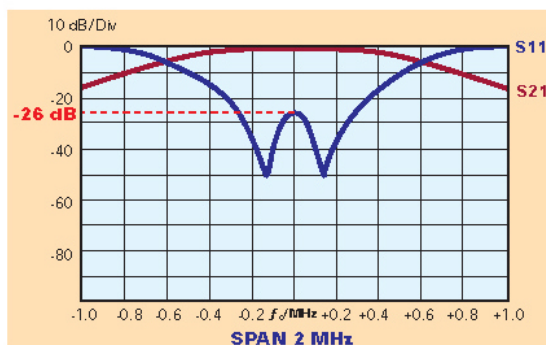
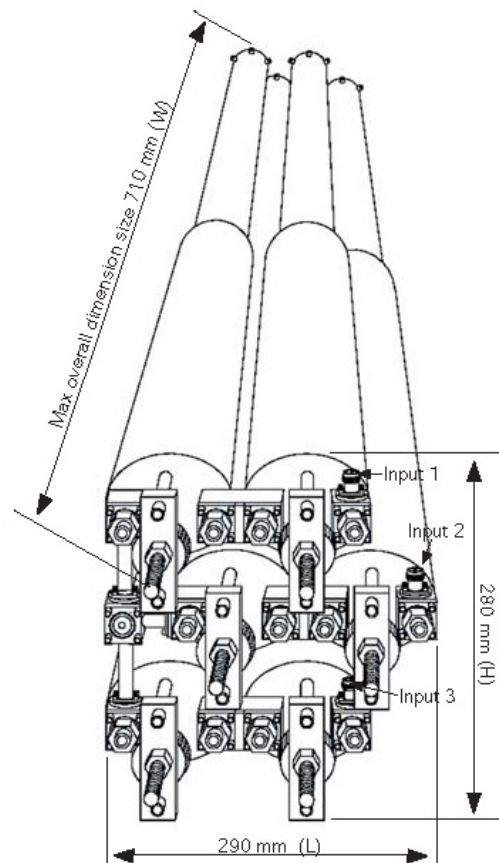
- Distortion – Free Transmission
- Star-point system with Band Pass double cavity filters
- Low loss, high isolation
- Natural convection
- Rack Version Option

#### No rack version

Dimensions	280×290×710 mm (11×11.4×28 inch) (H×L×W)
Net Weight	≅ 18 Kg

#### Rack version (optional)

Panel Size	7 HE (1 HE=44,45 mm)
Net Weight	≅ 18 Kg



Typical shape of a curves for S11 and S12 parameters for single filter

“These specifications are subject to change without notice”