

## MODEL FDCSTC03

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

Model	Input Connector	Output Connector	Power Input	Power Output
FDCSTC03-1	N	7/16"	300W	600W
FDCSTC03-2	N	7/8"	300W	600W



VERSION WITH OPTION RACK

The star combiner basically consist of parallel connecting several transmitters to a single antenna system through suitable band pass filters, each n 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	FDCSTC03 – Type STAR POINT		
Impedance	50 Ohm		
Frequency Range	87.5-108 MHz		
VSWR ±150 KHz	1.1:1 max		
Insertion Loss	at $f_0$ 0.8 dB typical		
Return Loss ±150Khz	≤ -26 dB		
Isolation ±2.5MHz	≥ 30 dB		
Isolation ±1.4MHz	≥ 27 dB (~1dB insertion loss)		
Input Number	2		
Output Number	1		
Connectors standard	Input N female	Output N	(See table)
Max Power	300W x 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:

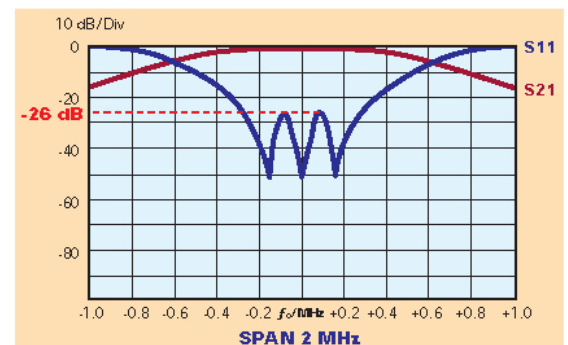
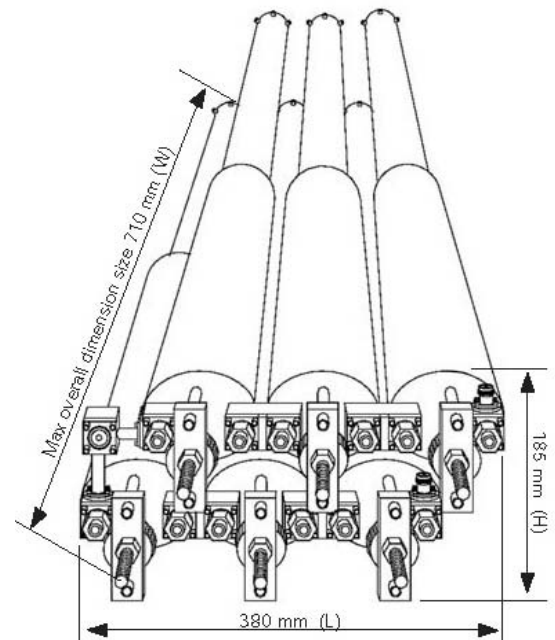
- Distortion – Free Transmission
- Starpoint system with pass stop
- Low loss, high isolation
- Natural convection
- Option whit Rack

#### No rack version

Dimensions	185×380×710 mm (7.3×11.4×28 inch) (H×L×W)
Net Weight	≅ 18 Kg (triple cavity)

#### Rack version (optional)

Panel Size	8 HE (1 HE=44,45 mm)
Net Weight	≅ 18 Kg (triple cavity)



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

“These specifications are subject to change without notice”