

MODEL FTCSTC05

- **COMBINER 3 CHANNELS**
- **TYPE STAR POINT**
- **RACK VERSION OPTION**
- **FM BAND 87.5÷108 MHz**
- **BAND II**
- **OPTION**



VERSION WITH RACK AND DIRECTIONAL COUPLER (OPTIONS)

Model	Input Connector	Output Connector	Power Input	Power Output
FTCSTC05-1	7/16"	7/16"	600W	1800W
FTCSTC05-2	7/16"	7/8"	600W	1800W

The star point 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	FTCSTC05 – Type STAR POINT	
Impedance	50 Ohm	
Frequency Range	87.5-108 MHz	
VSWR ±150KHz	1.1:1 max	
Insertion Loss	at f_0 0.65 dB max	
Return Loss ±150KHz	≤ -26 dB	
Isolation ±2.5MHz	≥ 30 dB	
Input Number	3	
Output Number	1	
Connectors Standard	Input N	Output 7/16" (See table)
Max Power	600 W X 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:

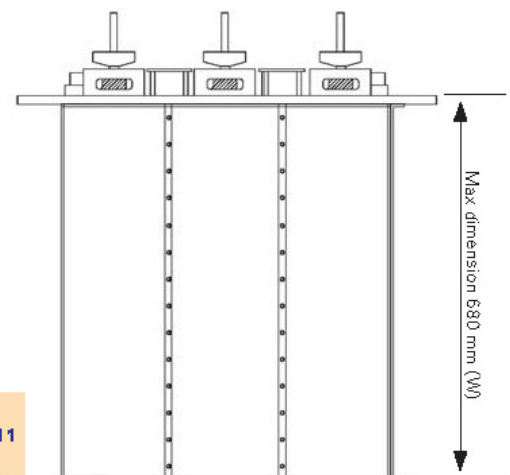
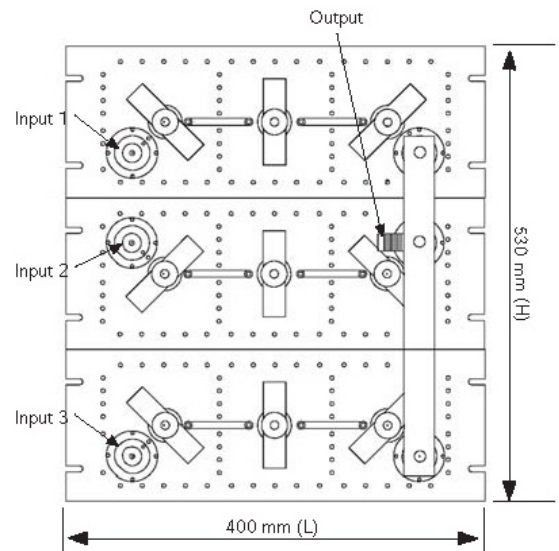
- Distortion – Free Transmission
- Star point system with triple pass-band cavity filters
- Star point system with pass stop
- Low loss, high isolation
- Natural convection
- Modular design
- OPTION Group delay equaliser

No rack version

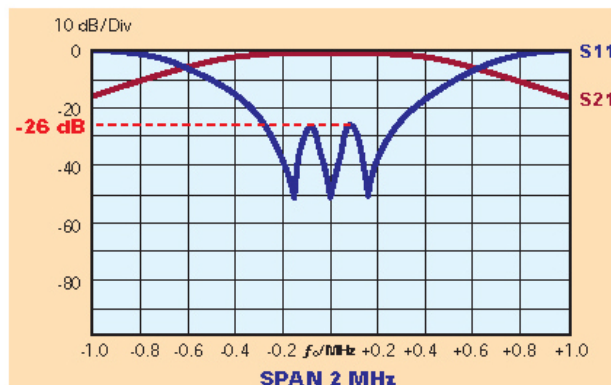
Dimensions	530×400×680 mm (20.8×15.7×26.8 inch) (H×L×W)
Net Weight	≈ 70 Kg

Rack version (optional)

Panel Size	12 HE (1 HE=44,45 mm)
Net Weight	≈ 70 Kg



Typical shape of a curves for S11 and S12 parameters



“These specifications are subject to change without notice”