

MODEL FQCSTC03

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

Model	Input Connector	Output Connector	Power Input	Power Output
FQCSTC03-1	N	7/16"	300W	1200W
FQCSTC03-2	N	7/8"	300W	1200W

The Star Point combiner basically consists of a parallel connection of several transmitters to a single antenna system through suitable band pass filters, each one tuned on the transmitter frequency to which it's connected.



TYPICAL SPECIFICATIONS

Model	FQCSTC03 – Type Star Point	
Impedance	50 Ohm	
Frequency Range	87.5-108 MHz	
VSWR ±150Khz	1.1:1 max	
Insertion Loss	at f_0 0.8 dB max	
Return Loss ±150Khz	≤ -26 dB	
Isolation ±2MHz	≥ 30 dB	
Number of Inputs	4	
Number of Outputs	1	
Standard Connectors	Input N female Output N	(See table)
Max Power	150 W x 4 Channels	
Working Temperature	-20°C ÷ +50°C	
Colour	Enamel Gray Ral 7001	
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min. 12µm thickness)	

Features:

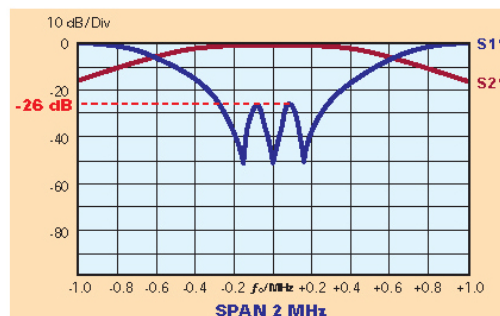
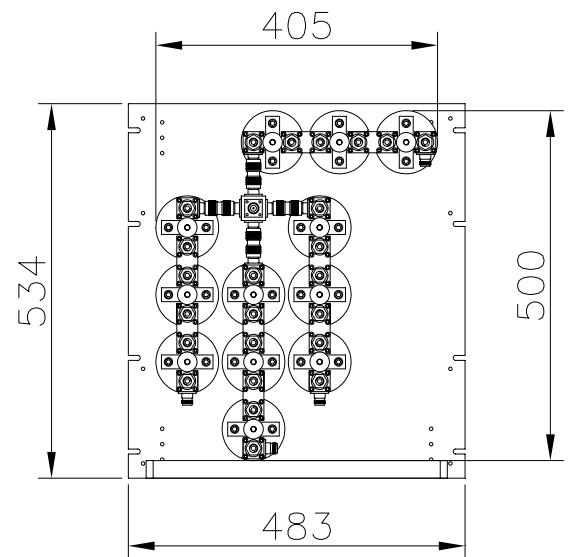
- Distortion – Free Transmission
- Triple Band-Pass Cavity filters
- Low Loss, High Isolation
- Natural convection
- Option whit Rack

No rack version

Dimensions	405x500x710 mm (15.9x19.7x28 inch) (HxLxW)
Weight	≅ 36 Kg

Rack Version

Panel Size	8 HE (1 HE=44,45 mm) (534x483 mm (21x19 inch))
Weight	≅ 36 Kg



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

"These specifications are subject to change without notice"