

MODEL FQCSTC5

- **COMBINER 4 CHANNELS**
- **TYPE STAR POINT**
- **FM BAND 87.5÷108 MHz**
- **BAND II**
- **OPTION**



Model	Input Connector	Output Connector	Power Input	Power Output
FQCSTC5-1	7/8"	1+5/8"	3KW	12KW
FQCSTC5-2	1+5/8"	1+5/8"	3KW	12KW

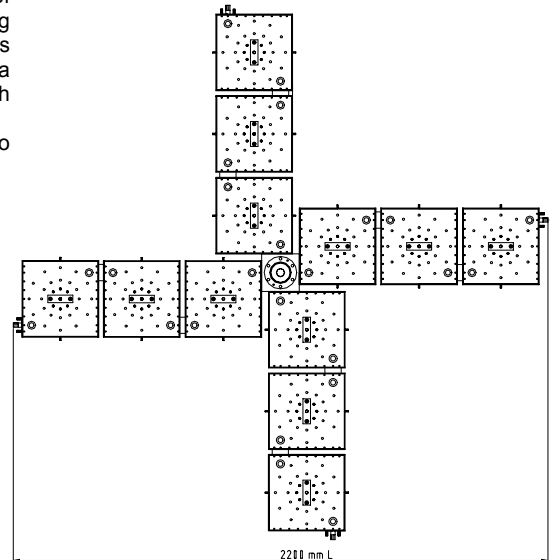
The star combiner basically consist of parallel connecting several transmitters to a single antenna

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

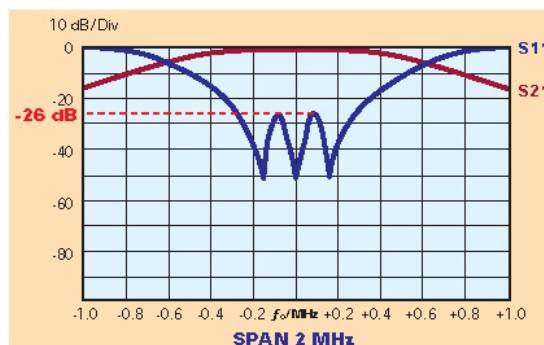
Model	FQCSTC5 – Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ±150 KHz	1.1:1 max
Insertion Loss	at f_0 0.25 dB max
Return Loss ±150Khz	≤ -26 dB
Isolation ±1 MHz	≥ 30 dB
Input Number	4
Output Number	1
Standard Connectors	Input 1+5/8" Output 3+1/8"
Max Power	5KW × 4 Channels
Working 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
- Star-point system with pass stop
- Low loss, high isolation
- Natural convection
- OPTION Group delay equaliser

Dimensions	1400(Max size)×2200×2200 mm (55.1(Max size)×86.6×86.6 inch) (H×L×W)
Net Weight	≅ 260 Kg



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

“These specifications are subject to change without notice”