

Model FDCSTC1 - FDCSTC2

- 2 Channel Combiner
- Star Point Type
- FM Band 87.5-108 Mhz

The star point combiner basically consists of connecting several transmitters in parallel to a single antenna system through suitable bandpass filters, each tuned to each individual transmitter frequency

The parallel connection is obtained by means of coaxial lines of determined length, to provide for adequate isolation between transmitters.

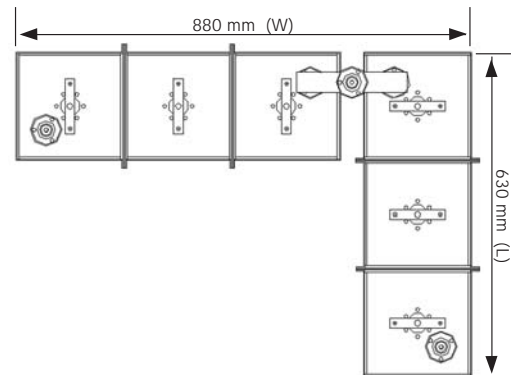
TYPICAL SPECIFICATIONS

Model	FDCSTC1 - FDCSTC2 - Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5÷108 MHz
VSWR ±150 KHz	1.1:1 Max
Insertion Loss	at f_0 0.45 dB Max
Return Loss ±150 KHz	≤ -26 dB
Isolation ±1.5 MHz	≥ 30 dB
No. of input	2
No. of output	1
Connectors	Input 7/16" Output EIA 7/8" (FDCSTC1) Input EIA 7/8" Output EIA 7/8" (opt. 1+5/8") (FDCSTC2)
Max Power	1000W X 2 Channels (FDCSTC1) 2000W X 2 Channels (FDCSTC2)
Temperature Range	-20°C ÷ +50°C
Color	Enamel gray ral 7001
Materials	Aluminium, silver brass, copper, PTFE, stainless steel, silver plated (min 12μ thickness)

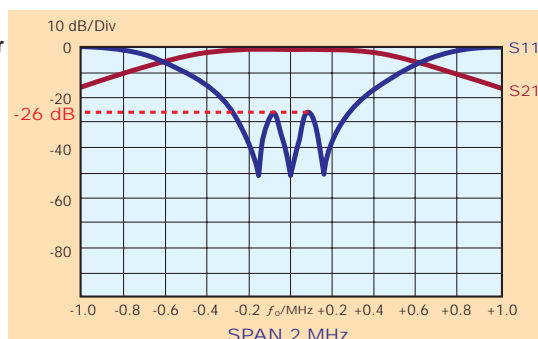
- Distortion - Free
- Starpoint system with triple pass-band cavity filters
- Low loss, high isolation
- Natural convection
- Optional group delay equalizer

No Rack Version

Dimensions	1300(Max size) x 620 x 460 mm (51.2(Max size) x 24.8 x 34.6 inch) (HxLxW)
Net Weight	≅ 60 Kg (triple cavity)



Typical Shape for S11 and S21 for single filter



"These specifications are subject to change without notice"