

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

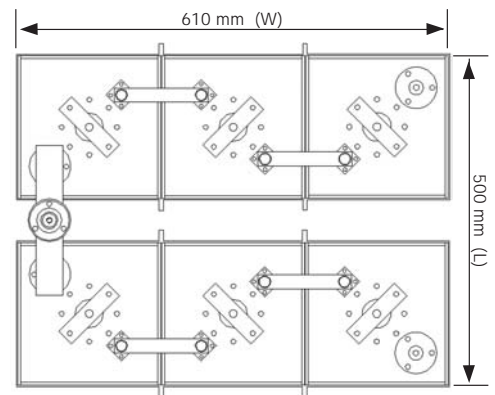
The star point combiner basically consists of connecting several transmitters in parallel to a single antenna system through suitable bandpass filters, each tuned to each individual transmitter frequency

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



### TYPICAL SPECIFICATIONS

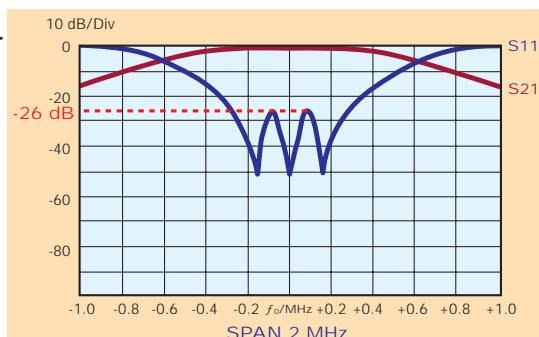
<b>Model</b>	FDCSTC3 – Type STAR POINT
<b>Impedance</b>	50 Ohm
<b>Frequency Range</b>	87.5±108 MHz
<b>VSWR ±150 KHz</b>	1.1:1 Max
<b>Insertion Loss</b>	at $f_0$ 0.43 dB Max
<b>Return Loss ±150 KHz</b>	≤ -26 dB
<b>Isolation ±1.2 MHz</b>	≥ 30 dB
<b>No. of input</b>	2
<b>No. of output</b>	1
<b>Connectors</b>	Input 7/8" (opt. 7/16") Output EIA 7/8" (opt. 1+5/8", 7/16")
<b>Max Power</b>	3000W 2 Channels (Input Output 7/8" connectors) 1000W 2 Channels (Input Output 7/16" connectors)
<b>Temperature Range</b>	-20°C ÷ +50°C
<b>Color</b>	Enamel gray ral 7001
<b>Materials</b>	Aluminium, silver brass, copper, PTFE, stainless steel, silver plated (min 12μ thickness)



- Distortion Free Transmission
- Starpoint system with double bandpass cavity filters
- Starpoint system with triple bandpass cavity filters (optional configuration)
- Low loss, high isolation
- Natural convection
- Optional group delay equalizer

<b>Dimensions</b>	1300(Maz size) x 610 x 500 mm (51.2(Max size) x 24.0 x 19.7 inch) (H x L x W)
<b>Net Weight</b>	≈ 75 Kg

Typical Shape for S11 and S21 for single filter



"These specifications are subject to change without notice"