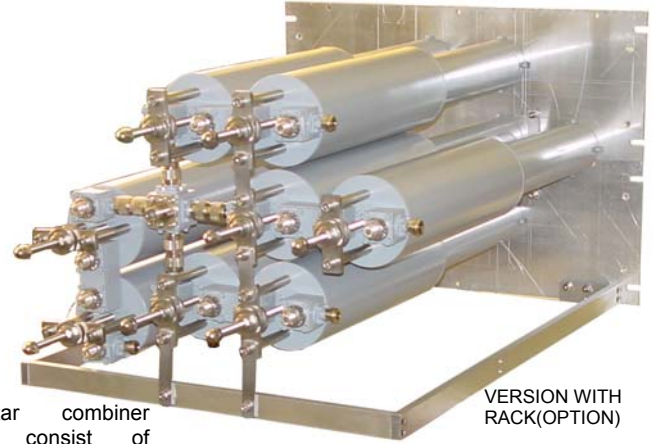


MODEL FQCSDC03

- COMBINER 4 CHANNELS
- TYPE STAR POINT
- RACK VERSION OPTION
- FM BAND 87.5-108 MHz
- BAND II
- OPTION



VERSION WITH RACK(OPTION)

Model	Input Connector	Output Connector	Power Input	Power Output
FQCSDC03-1	N	N	150W	600W
FQCSDC03-2	N	7/8"	200W	800W

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.

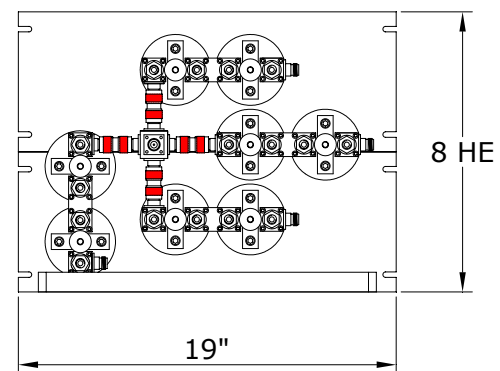
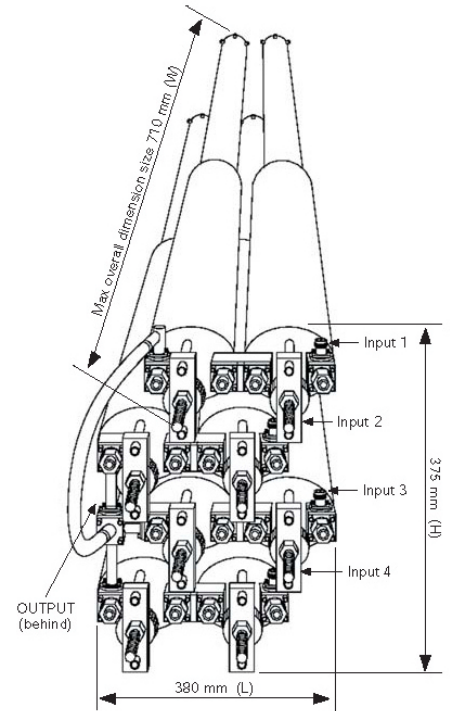
TYPICAL SPECIFICATIONS	
Model	FQCSDC03 – Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ±150Khz	1.1:1 max
Insertion Loss	at f_0 0.6 dB max
Return Loss ±150Khz	≤ -26 dB
Isolation ±2.5MHz	≥ 30 dB
No. of Input	4
No. of Output	1
Connectors Standard	Input N female (See table) Output 7/16"
Max Power	200 W × 4 Channels (800W)
Working Temperature	-20°C ÷ +50°C
Colour	Enamel Gray Ral 7001
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min. 12µm thickness)

Features:

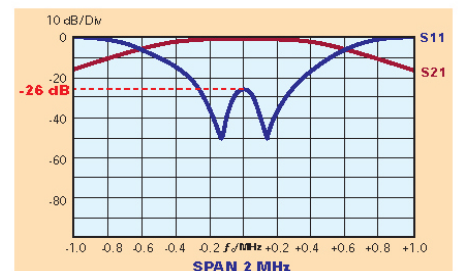
- Distortion – Free Transmission
- Star point system with double pass-band cavity filters (standard configurations)
- Star point system with triple pass-band cavity filters
- Star point system with pass stop
- Low loss, high isolation
- Natural convection
- OPTION Group delay equaliser

No Rack Version	
Dimension	375 x 290 x 710 mm (14.8 x 11.4 x 28 inch) (HxLxW)
Net Weight	≅ 24 Kg

Rack Version	
Panel Size	8 HE (1 HE=44,45 mm)
Weight	≅ 24 Kg



Typical shape of a curves for S11 and S21 parameters for single filter



"These specifications are subject to change without notice"