MODEL FDCSDC03

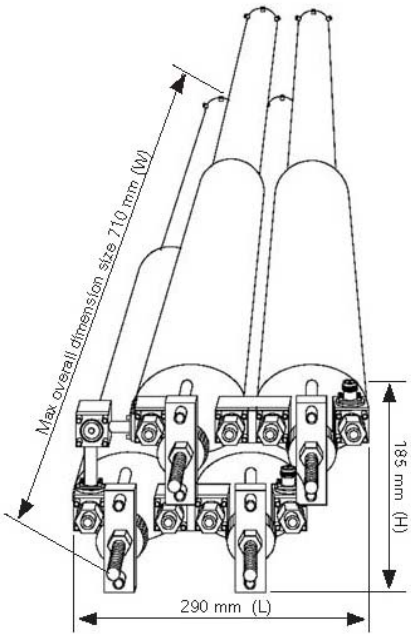
- **COMBINER 2 CHANNELS**
- **TYPE STAR POINT**
- **FM BAND 87.5÷108 MHz**
- **BAND II**
- **OPTION**

Model	Input Connector	Output Connector	Power Input	Power Output
FDCSDC03-1	N	7/16"	300W	600W
FDCSDC03-2	N	7/8"	300W	600W

The star combiner basically consist of parallel connecting several transmitters to a single antenna system through suitable band pass filters, each n 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	FDCSDC03 – Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ±150 KHz	1.1:1 max
Insertion Loss	at f_0 0.8 dB typical
	≤ -26 dB
	≥ 30 dB
Isolation ±1.4MHz	≥ 27 dB (~1dB insertion loss)
	2
	1
	Input N female Output N *(See table)*
	300W x 2 Channels
	-20°C ÷ +50°C
	Enamel Gray Ral 7001
	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silvering (min 12μm thickness)

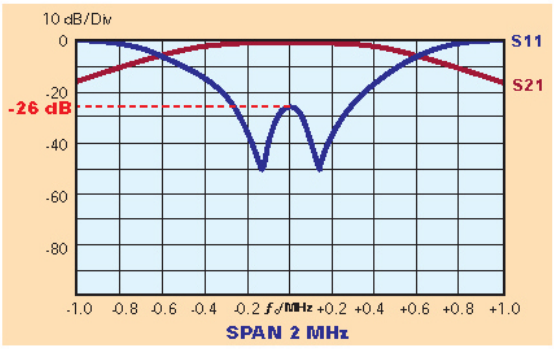


Features:

- Distortion – Free Transmission
- Starpoint system with pass stop
- Low loss, high isolation
- Natural convection
- Option whit Rack

No rack version	
Dimensions	185×290×710 mm (7.3×11.4×28 inch) (H×L×W)
Net Weight	≅ 12 Kg

Rack version (optional)	
Panel Size	6 HE (1 HE=44,45 mm)
Net Weight	≅ 12 Kg



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