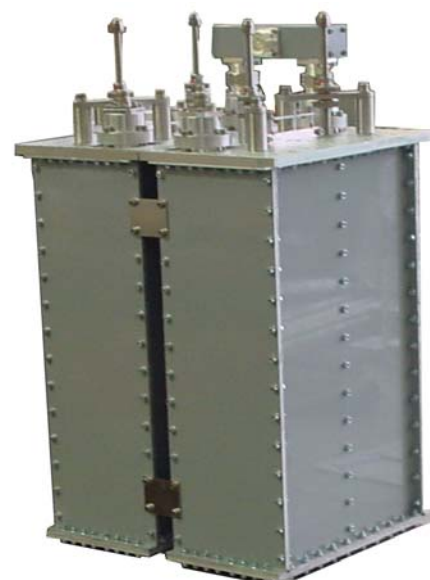


MODEL FDCSDC05

BEXT

- 2 CHANNEL COMBINER
- TYPE STAR POINT
- FM BAND 87.5-108 MHz
- OPTIONAL CONNECTORS:

Model	Input Connector	Output Connector	Power Input	Power Output
FDCSDC05-1	N	7/16"	500W	1KW
FDCSDC05-2	N	7/8"	500W	1KW
FDCSDC05-3	7/16"	7/16"	500W	1KW
FDCSDC05-4	7/16"	7/8"	500W	1KW
FDCSDC05-5	7/8"	7/8"	500W	1KW

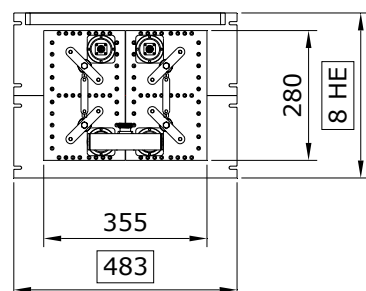
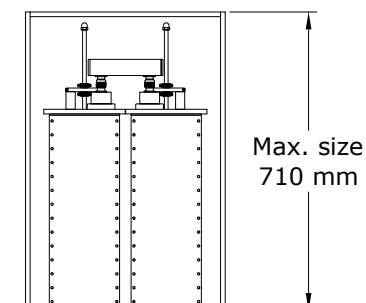


TYPICAL SPECIFICATIONS

Model	FDCSDC05 – Type STAR POINT
Impedance	50 Ohm
Frequency Range	87.5-108 MHz
VSWR ± 150 KHz	1.1:1 max
Insertion Loss	at f_0 0.42 dB typical
Return Loss ± 150 KHz	≤ -26 dB
Isolation ± 2.5 MHz	≥ 30 dB
Input Number	2
Output Number	1
Connectors standard	(See table above)
Max Power	500W x Channel
Working Temperature	-20°C \div +50°C
Colour	Enamel Gray Ral 7001
Materials	Aluminium, Brass, Copper, PTFE, Stainless Steel, Silver Plated (min 12 μ m thickness)

Features:

- Distortion – Free Transmission
- Starpoint system
- Low loss, high isolation
- Natural convection
- Optional Rack Mount



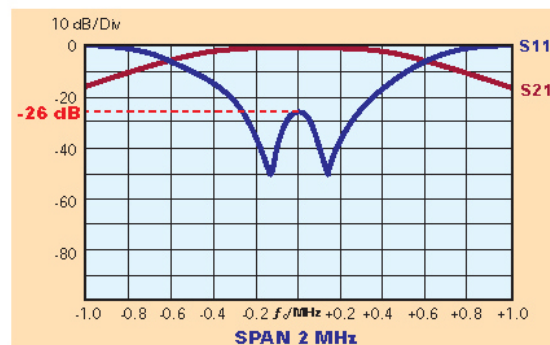
RACK VERSION (OPTION)

No rack version

Dimensions	710 (Max size)×355×280 mm (27.9×14.0×11.0 inch) (H×L×W)
Net Weight	≈ 30 Kg

Rack version (optional)

Panel Size	8 HE (1 HE=44,45 mm)
Net Weight	≈ 30 Kg



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

BEXT, Inc. reserves the right to change, without prior notice, the information contained on this datasheet. While every effort is made to ensure that the details are correct at time of print, BEXT, Inc., cannot be held responsible for any error(s).

BEXT, Inc., is not, nor will be, held liable for any lost profits, damages or claims from third parties incurred due to the use of this datasheet and/or the product(s) described on it.