

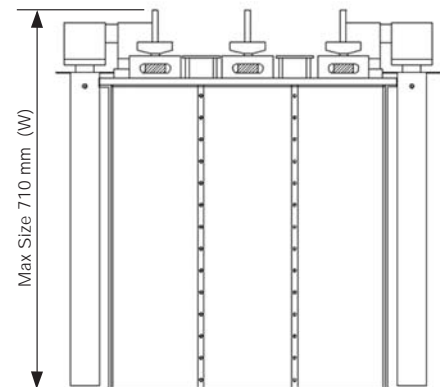
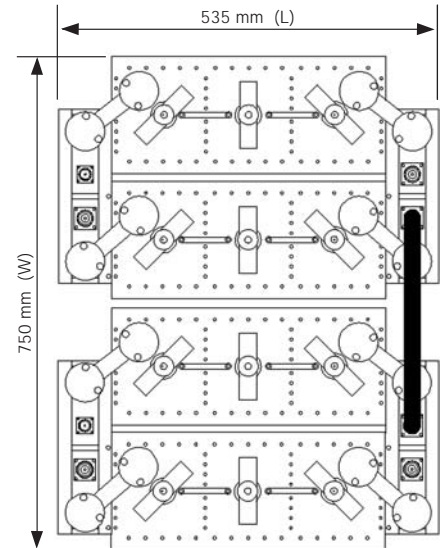
- **Combiner 3 Channels**
- **Double Balanced Bridge**
- **FM Band 87.5÷108 Mhz**
- **Band II**

The double balanced bridge system consist of two band-pass filter, two -3dB coupler and a absorber. One of both inputs has a narrow-band characteristic (complying with the pass-band functions of the bandpass filters), while the remaining input features a broadband characteristic within the operating frequency range of -3dB couplers, both inputs exhibits a frequency independent load impedance to the RF source.

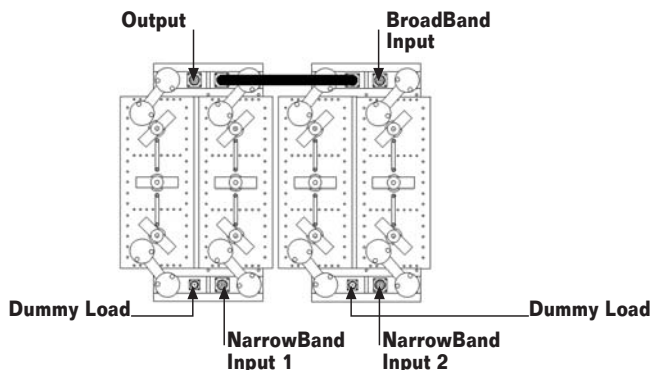
TYPICAL SPECIFICATIONS	
Model	FTDPTC05 – Type DOUBLE BRIDGE
Impedance	50 Ohm
Frequency Range	87.5+108 MHz
VSWR ±150 KHz	1.1:1 Max
Insertion Loss	at f_c 0.65 dB Max (Narrow Band Input 1) at f_c 0.75 dB Max (Narrow Band Input 2) 0.1 dB Max (Broad Band Input)
Return Loss ±150 KHz	≤ -26 dB
Isolation ±2.5 MHz	≤ 32 dB
No. of input	3 (2 NarrowBand+1 BroadBand)
No. of output	1
Connectors	N Input (Opt. 7/16") 7/16" Output (Opt. 7/8")
Max Power	600 W x 3 Channels
Working Temperature	-20°C + +50°C
Colour	Enamel gray ral 7001
Materials	Aluminium, silver brass, copper, PTFE, stainless steel, silver plated (min 12μ thickness)

Features:

- Modular System
- Double Balanced Bridge system with pass stop
- Frequency independent input impedance
- Low loss, high isolation
- Natural convection
- Option: Group delay equaliser



Dimensions	710(Max size) x 750 x 535 mm (28(Max size) x 29.5 x 21 inch) (H x L x W)
Net Weight	≅ 120 Kg



"These specifications are subject to change without notice"