

Model FTDPDC2/1

- Combiner 4 Channels
- Double Balanced Bridge
- FM Band 87.5÷108 Mhz
- Band II

Model FQDPTC03

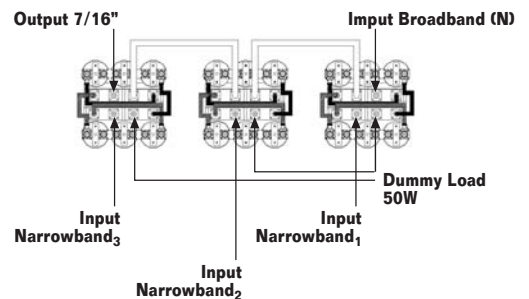
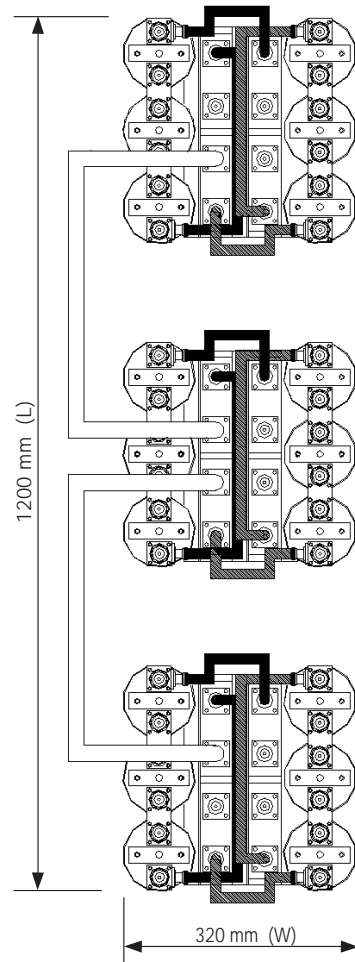
The double balanced bridge system consist of two band-pass filter, two -3dB coupler and a absorber. One of both inputs has a narrow-band characteristic (complying with the pass-band functions of the bandpass filters), while the remaining input features a broadband characteristic within the operating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

TYPICAL SPECIFICATIONS	
Model	FQDPTC03 – Type DOUBLE BRIDGE
Impedance	50 Ohm
Frequency Range	87.5+108 MHz
VSWR ±150 KHz	1.1:1 Max
Insertion Loss	at f_0 1.2 dB max (Narrow Band Input 1) at f_0 1.1 dB max (Narrow Band Input 2) at f_0 1.0 dB max (Narrow Band Input 3) 0.3 dB Max (Broad Band Input)
Return Loss ±150 KHz	≤ -26 dB
Isolation ±2.5 MHz	≤ 32 dB
No. of input	4 (3 NarrowBand+BroadBand)
No. of output	1
Connectors	Input N female Output N or 7/16"
Max Power	150 W x 4 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:

- Distortion – Free Transmission
- Double Balanced Bridge system with double pass-band cavity filters
- Double Balanced Bridge system with triple pass-band cavity filters (standard configurations)
- Double Balanced Bridge system with pass stop
- Low loss, high isolation
- Natural convection
- Option: Group delay equaliser
- Frequency independent input impedance

No Rack Version	
Dimensions	710(Max size) x 1200 x 320mm (28.0(Max size) x 47.2 x 12.6inch) (H x L x W)
Net Weight	≅ 81 Kg
Rack Version (optional)	
Panel Size	24 HE (1 HE = 44.45 mm)
Net Weight	≅ 82 Kg



"These specifications are subject to change without notice"