

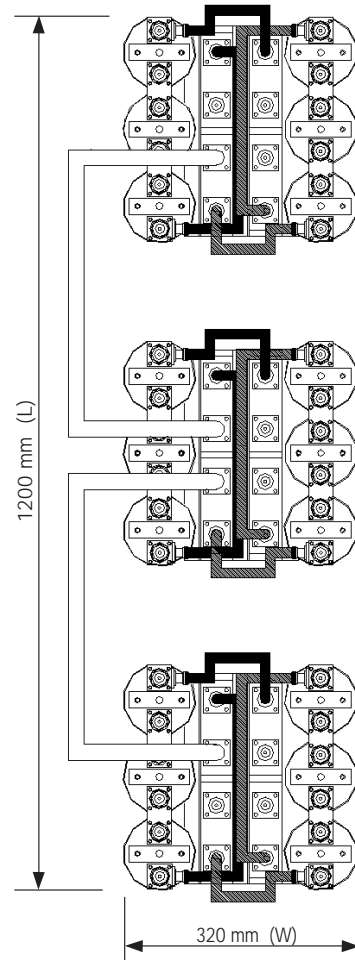
- 4 Channel Combiner
- Constant Impedance Type
- FM Band 87.5-108 Mhz

A constant impedance combiner consists of two or more band pass filters, two 3dB couplers and a dummy load. One or more inputs is/are narrow band, while the remaining input(s) can be broadband. Input impedance is not frequency dependent.

TYPICAL SPECIFICATIONS

Model	FQDPTC03 – Type CONSTANT IMPEDANCE
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 ±1.8 MHz	NB to BB ≥ 30dB, BB to NB ≥ 45dB, NB to NB ≥ 45dB
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
Temperature range	-20°C + +50°C
Color	Enamel gray ral 7001
Materials	Aluminium, silver brass, copper, PTFE, stainless steel, silver plated (min 12μ thickness)

- Distortion – Free
- Custom configurations available
- Low loss, high isolation
- ▶ Natural convection
- Optional group delay equalizer
- Input impedance not frequency dependent
- The frequency at the broadband input can be changed without returning the bandpass cavity filters

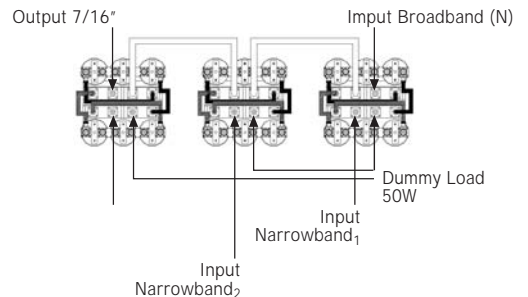


No Rack Version

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"