

VHF • Band III • 4 poles CIB combiner • ≤ 10 kW NB

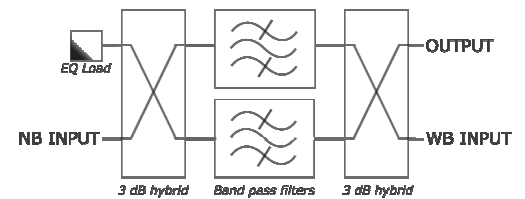
Electrical Specifications

Order of the bandpass filters	4	
Frequency range	174 - 230 MHz	
Type	Constant impedance	
Impedance	50 Ohm	
Recommended minimum freq. spacing	1 guard channel	
Max. power handling (NB/WB/Output)	10/10/10 kW peak sync, 7/7/7 RMS	
	10/30/40 kW peak sync, 7/21/28 RMS	
Input connectors (NB/WB)		
DP13-230	1 5/8" unfl. / 1 5/8" unfl.	
DP13-240	1 5/8" unfl. / 3 1/8" unfl.	
Output connector		
DP13-230	1 5/8" unfl.	
DP13-240	3 1/8" unfl.	
Channel bandwidth	6 MHz / 7 MHz / 8 MHz	
VSWR	Narrowband input	≤ 1.08:1
	Wideband input	≤ 1.10:1
Insertion loss	Narrowband input	≤ 0.25 dB
	Wideband input	≤ 0.2 dB
Isolation	NB input to WB input	≥ 35 dB
	WB input to NB input	≥ 40 dB
Thermoswitch at EQ load	Yes	



Mechanical & Environmental Specifications

Dimensions (W x D x H)	DP13-230	430 x 665 x 1570 mm
	DP13-240	430 x 665 x 1730 mm
Temperature range	-10°C to +50°C	
Working position	Any	



Optional Accessories

- Directional couplers at inputs and output
- Unflanged to flanged adapters at inputs and output

The combiner can be field returned to any frequency within specified band