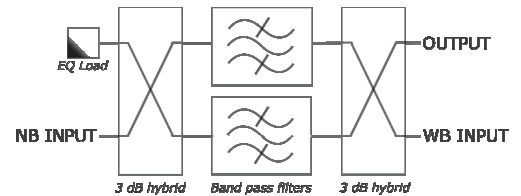


UHF ATV 4 poles CIB combiner • ≤ 2 kW NB

Electrical Specifications

Order of the bandpass filters	4	
Frequency range	470-862 MHz	
Type	Constant impedance	
Impedance	50 Ohm	
Minimum frequency spacing	2 guard channels	
Max. power handling (NB/WB/Output)	DP15-12A 400/800/1200 W peak sync, 280/560/840W RMS DP15-340 2/7/7 kW peak sync, 1.4/4.9/4.9 kW RMS DP15-350 2/12/12 kW peak sync, 1.4/9/9 kW RMS	
Input connectors (NB/WB) ⁽¹⁾	DP15-12A DIN 7/16 (F) DP15-340 1 5/8" unfl. / 1 5/8" unfl. DP15-350 1 5/8" unfl. / 3 1/8" unfl.	
Output connector (1)	DP15-12A DIN 7/16 (F) DP15-340 1 5/8" unfl. DP15-350 3 1/8" unfl.	
Channel bandwidth	6, 7, 8 MHz	
VSWR	DP15-12A	DP15-340/350
	Narrowband input ≤ 1.07:1 Wideband input ≤ 1.20:1 (typical ≤ 1.1:1)	≤ 1.07:1 ≤ 1.10:1
Insertion loss	DP15-12A	DP15-340/350
	Narrowband input ⁽²⁾ ≤ 1.2 dB (typical ≤ 0.7 dB) Wideband input ≤ 0.2 dB	≤ 0.6 dB ≤ 0.2 dB
Isolation	DP15-12A	DP15-340/350
	NB input to WB input ≥ 26 dB WB input to NB input ≥ 35 dB	≥ 30 dB ≥ 40 dB


Mechanical & Environmental Specifications

Dimensions (W x D x H)	DP15-12A	DP15-340/350
	220 x 352 x 315 mm	329 x 790 x 680 mm / 379 x 717 x 662 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
 Band pass filter on wideband input ⁽³⁾
 Thermoswitch in EQ load

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

NOTES:

- (1): Other connectors on request
- (2): Typical specifications for 8 MHz channels. Ask RYMSA RF for other cases.
- (3): The use of an extra filter connected to the wideband input enhances isolation between inputs, thus reducing the possible generation of inter-mod products.