

UHF ATV 3/4 poles Star-point combiner • ≤ 1 kW NB

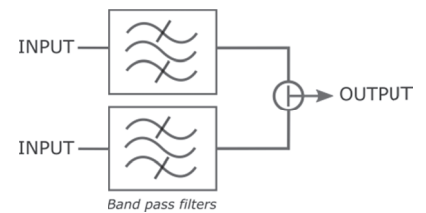
**Electrical Specifications**

Order of the bandpass filter DP15-121 DP15-341	3 3	4 4
Frequency range	470-862 MHz	
Type	Star-point	
Impedance	50 Ohm	
Minimum frequency spacing <sup>(1)</sup> DP15-121 DP15-341	6 guard channels 4 guard channels	3 guard channels 3 guard channels
Maximum power handling DP15-121 DP15-341	2 x 200 W peak sync / 2 x 140 W RMS 2 x 1 kW peak sync / 2 x 700 kW RMS	
Input connectors DP15-121 <sup>(2)</sup> DP15-341 <sup>(3)</sup>	DIN 7/16 F 1 5/8" unfl.	
Output connector DP15-121 DP15-341 <sup>(3)</sup>	DIN 7/16 F 1 5/8" unfl.	
Channel bandwidth DP15-121 DP15-341	8 MHz 6, 7, 8 MHz	
VSWR	≤ 1.07:1	
Insertion loss DP15-121 DP15-341 <sup>(4)</sup>	≤ 0.7 dB ≤ 0.5 dB	≤ 1.0 dB ≤ 0.6 dB
Isolation DP15-121 DP15-341 <sup>(4)</sup>	≥ 35 dB ≥ 30 dB	≥ 30 dB ≥ 30 dB



**Mechanical & Environmental Specifications**

Dimensions (W x D x H)		
DP15-121 DP15-341	250 x 200 x 242 mm 468 x 720 x 523 mm	250 x 200 x 242 mm 468 x 720 x 633 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 (DP15-341)

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

**NOTES:**

- (1): Less than 3 channels frequency spacing can be achieved by sacrificing the transmission response figures.
- (2): N F connector available.
- (3): Other connectors on request.
- (4): Typical specifications for 8 MHz channels. Ask RYMSA RF for other cases.