

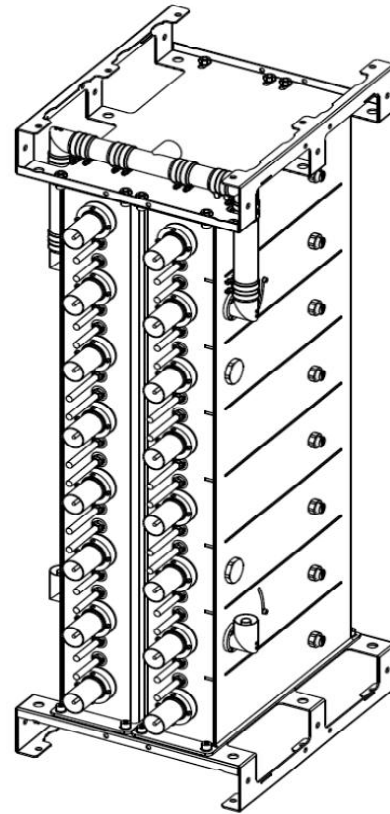
# DAB/DMB Starpoint combiner

2-4 x 1kW rms, 6 poles, 2 external notches

BAND III



SPECIFICATIONS	140 mm series	Option
FREQUENCY	170 - 240 MHz	-
BANDWIDTH	1.536 MHz	-
ORDER	6 Poles, 2 External notches	
Minimum channelspacing	1 free block	-
Isolation between inputs	>30 dB	-
DAB	Critical mask	Uncritical mask
IMPEDANCE	50 Ohm	-
AVG RETURN LOSS (VSWR)	>26 dB (<1.1)	-
TEMPERATUR STABILITY	<3 kHz / °C	-
MAX OPERATING TEMPERATU	70 °C	-
ENVIROMENTAL CONDITION	-5 to 70 °C IP40	-
CONNECTORS	EIA 1 5/8"	EIA 7/8" / 7-16 female
FRAME	Stand alone	-
COLOUR	Frosted black	-



## ARTICLE: SPD6C14A-BP11-2

- SP = Filter type
- D = Frequency band
- 6 = Number of Poles
- C = Cavity based
- 14 = Cavity size
- A = Version
- 
- B = Number of cross couplings
- P = Coating
- 1 = Input connection
- 1 = Output connection
- 
- 2 = Number of inputs

TYPICAL DATA *		1.536 MHz DAB		
ART. NO.		SPD614A-BP11-2	SPD614A-BP11-3	SPD614A-BP11-4
Number of inputs		2	3	4
<b>INSERTION LOSS</b>				
Center frequency		<1.2 dB	<1.3 dB	<1.4 dB
Signal band edge	± 0.77 MHz	<2.3 dB	± 0.77 MHz	<2.5 dB
	± 0.97 MHz	>20 dB	± 0.97 MHz	>20 dB
	± 1.75 MHz	>44 dB	± 1.75 MHz	>44 dB
	± 3.0 MHz	>70 dB	± 3.0 MHz	>70 dB
<b>DIMENSIONS ( L X W X H )</b>				
(Inch)		600-720 x 450 x 1365 mm (23.7-28.5 x 17.8 x 53.8 in)	600-720 x 738 x 1365 mm (23.7-28.5 x 29.1 x 53.8 in)	600-720 x 900 x 1365 mm (23.7-28.5 x 35.5 x 53.8 in)
WEIGHT		100 kg (220 lb)	150 kg (330 lb)	200 kg (440 lb)
MAX INPUT POWER RATING **		2 x 1kW	3 x 1kW	4 x 1kW
TEMPERATURE RISE		<13°C / kW	<13°C / kW	<13°C / kW
MASK COMPLIANT		Critical mask	Critical mask	Critical mask

\* Data in table is typical data at 200 MHz. To fulfil mask transmitter shoulder level must be >36 dB. The filter can be tuned for other specification or bandwidth, pleas contact us for a specification designed

\*\* Max input power at < 50 °C temprice at max frequency