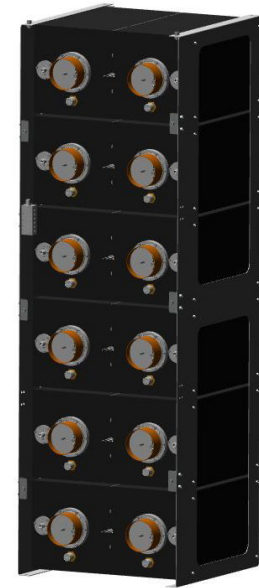


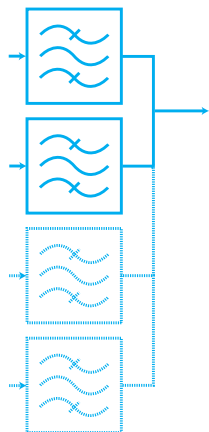
VHF Marineband Starpoint Duplex Combiner

200 W, 2 Pole Bandpass



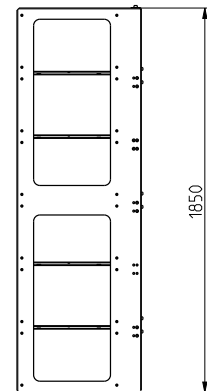
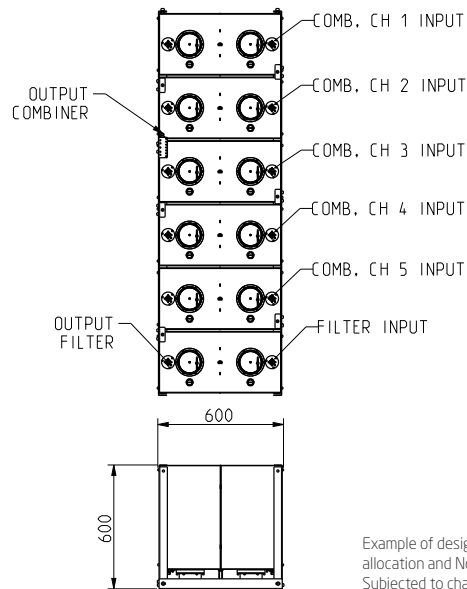
SPECIFICATIONS	300 mm Series	Option
FREQUENCY	156 - 163 MHz	Other tunings at request
STANDARD ORDER	2 Poles	
NUMBER OF CHANNELS	2 - 6 Channels	2 - 10 Channels
IMPEDANCE	50 Ohm	
NB RETURN LOSS (VSWR)	>20 dB (1.22)	
NB INPUT CONNECTOR	N female	N male, 7/16 female/ male 7/8" unflange/ flange
OUTPUT CONNECTOR	N female	N male, 7/16 female/ male 7/8" unflange
TEMPERATURE STABILITY	≤ 0.5 kHz / °C	
MAX PRODUCT TEMPERATURE	70 °C	
ENVIROMENTAL CONDITION	0 to 70 °C IP40	

DIMENSIONS	
INDICATIVE DIMENSIONS	600 x 600 x 1850 mm
L x W x H	(19 x 13.5 x 18.3 in)
STANDARD FRAME	Stand alone rack
OPTIONAL FRAME	Front cover plate, brackets
COLOUR	Frosted black/ Aluminium gray



Article structure: ARTICLE: SPM2K30A-0PCC-6

SP = Combiner Type
M = Frequency band
M = Marine band
2 = Number of poles
K = With/ without temp.comp.
K = with temperature compensation
30 = Cavity size
A = Version
0 = Number of cross coupling
0 = without
P = Grade
P = Black painted
C = Narrowband connection
C = N female, D= N male
A= 7/16 female, B= 7/16 male
J= 7/8" unflange, J= 7/8" flange
C = Output connection
C = N female, D= N male
A= 7/16 female, B= 7/16 male
J= 7/8" unflange
6 = Number of inputs



Example of design, may changed depending on channel allocation and No of inputs.
Subjected to change without prior notice.

ARTICLE	SPM2K30x-0Pxx-2					SPM2K30x-0Pxx-3					SPM2K30x-0Pxx-4					SPM2K30x-0Pxx-5				
NUMBER OF CHANNELS	2					3					4					5				
MIN CHANNEL SPACING (kHz)	250	200	150	100	75	250	200	150	100	75	250	200	150	100	75	250	200	150	100	75
INSERTION LOSS (dB)																				
Centre frequency	<1.8	<2.1	<2.5	<3.6	<4.5	<1.9	<2.2	<2.6	<3.7	<4.6	<2.1	<2.4	<2.8	<3.9	<4.8	<2.3	<2.6	<3.0	<4.1	<5.0
ISOLATION BETWEEN INPUTS (dB)																				
Input frequency spacing																				
75 kHz	-	-	-	-	>26	-	-	-	-	>26	-	-	-	-	>26	-	-	-	-	>26
100 kHz	-	-	-	>26	>30	-	-	-	>26	>30	-	-	-	>26	>30	-	-	-	>26	>30
150 kHz	-	-	>26	>32	>37	-	-	>26	>32	>37	-	-	>26	>32	>37	-	-	>26	>32	>37
200 kHz	-	>26	>30	>37	>42	-	>26	>30	>37	>42	-	>26	>30	>37	>42	-	>26	>30	>37	>42
250 kHz	>26	>29	>33	>41	>46	>26	>29	>33	>41	>46	>26	>29	>33	>41	>46	>26	>29	>33	>41	>46
300 kHz	>28	>32	>37	>45	>49	>28	>32	>37	>45	>49	>28	>32	>37	>45	>49	>28	>32	>37	>45	>49
400 kHz	>33	>37	>42	>50	>54	>33	>37	>42	>50	>54	>33	>37	>42	>50	>54	>33	>37	>42	>50	>54
500 kHz	>37	>41	>46	>53	>58	>37	>41	>46	>53	>58	>37	>41	>46	>53	>58	>37	>41	>46	>53	>58
WEIGHT	70 kg (154 lb)					90 kg (198 lb)					110 kg (243 lb)					130 kg (287 lb)				

* Data in table is typical data at 156 MHz. The combiner can be tuned for other specifications or bandwidth. Please contact us for a designed specification.

** All average power values and technical data refer to an ambient temperature of +20 °C with normal airflow. The product can have a maximum surface temperature of +70 °C. Maximum power capacity may be lower depending on channel allocation. Data are subjected to change without prior notice.