

# FM starpoint combiners

## TYPES

2PX2-A600-1

3PX2-A900-1

4PX2-A1K2-1

2PX2-A3K0-1

3PX2-A4K5-1

4PX2-A6K0-1

2PX2-A8K0-1

3PX2-A12K-1

4PX2-A16K-1

2PX2-A12K-1

3PX2-A18K-1

4PX2-A24K-1

2PX2-A20K-1

3PX2-A30K-1

4PX2-A40K-1

2PX2-A40K-1

3PX2-A60K-1

4PX2-A80K-1

Starpoint combiners are available in a power range from 300 W to 20 kW per input and available with two, three and four inputs.

Minimum frequency spacing is 1,8 MHz.

All combiners are factory tuned to specified frequencies. After installation you can easily retune them yourself.



2PX2-A600-1



2PX2-A600-1



3PX2-A12K-1



3PX2-B18K-1

	2PX2-A600-1	3PX2-A900-1	4PX2-A1K2-1	2PX2-A3K0-1	3PX2-A4K5-1	4PX2-A6K0-1
Frequency range	87,5 - 108 MHz					
Impedance	50 Ω					
Return loss	> 28 dB					
* Isolation (between the inputs)	> 30 dB					
* Max. input power per input	300 W			1,5 kW		
Max. output power	600 W	900 W	1.2 kW	3 kW	4.5 kW	6 kW
3dB band-width	600 kHz (can be tuned)					
* Insertion loss	< 0,8 dB	< 0,85 dB	< 0,9 dB	< 0,5 dB	< 0,5 dB	< 0,55 dB
Min. frequency spacing	1,8 MHz					
Material	aluminium, brass, silver plated					
Operating temperature	from - 5 °C to + 55 °C					
RF connector	N, DIN 7/16 or EIA 7/8"			DIN 7/16 or EIA 7/8"		
- input	DIN 7/16 or EIA 7/8"			EIA 7/8" or EIA 1 5/8"		
- output	DIN 7/16 or EIA 7/8"			EIA 7/8" or EIA 1 5/8"		
Dimension (mm)	350 x 400 x 1.250 max.	350 x 500 x 1.250 max.	350 x 800 x 1.250 max.	420 x 500 x 1.350 max.	420x 1.200 x 1.350 max.	420x 1.200 x 1.350 max.
Weight	25 kg	36,5 kg	51 kg	47 kg	75 kg	102 kg

\* Parameter values correspond to the minimum frequency spacing between the channels of the combiner

	2PX2-A8K0-1	3PX2-A12K-1	4PX2-A16K-1	2PX2-A12K-1	3PX2-A18K-1	4PX2-A24K-1
	2PX2-A20K-1	3PX2-A30K-1	4PX2-A40K-1	2PX2-A40K-1	3PX2-A60K-1	4PX2-A80K-1
Frequency range	87,5 - 108 MHz					
Impedance	50 Ω					
Return loss	> 28 dB					
* Isolation (between the inputs)	> 30 dB					
* Max. power per input	4 kW			6 kW 10 kW 20 kW		
Max. output power:	8 kW	12 kW	16 kW	12 kW 20 kW 40 kW	18 kW 30 kW 60 kW	24 kW 40 kW 80 kW
3dB band-width	600 kHz (can be tuned)					
* Insertion loss	< 0,3 dB	< 0,35 dB	< 0,35 dB	< 0,2 dB	< 0,2 dB	< 0,25 dB
Min. frequency spacing	1,8 MHz					
Material	aluminium, brass, silver plated					
Operating temperature	- 5 °C to + 55 °C					
RF connector	EIA 7/8" EIA 1 5/8"		EIA 7/8" EIA 1 5/8" EIA 3 1/8"	EIA 1 5/8" EIA 3 1/8"		
- input	EIA 7/8" EIA 1 5/8"		EIA 7/8" EIA 1 5/8" EIA 3 1/8"	EIA 1 5/8" EIA 3 1/8"		
- output	EIA 7/8" EIA 1 5/8"		EIA 7/8" EIA 1 5/8" EIA 3 1/8"	EIA 1 5/8" EIA 3 1/8"		
Dimension (mm)	720 x 700 x 1.350 max.	720 x 1.300 x 1.350 max.	720 x 1.300 x 1.350 max.	900 x 900 x 1.350 max.	900 x 1.700 x 1.350 max.	900 x 1.700 x 1.350 max.
Weight	93 kg	137 kg	181 kg	167 kg 180 kg 320 kg	250 kg 275 kg 480 kg	335 kg 365 kg 640 kg
Cooling	passive cooling			passive cooling forced with fans		

\* Values of the Insertion loss and Input power correspond to the minimum frequency spacing between the channels of the combiner

