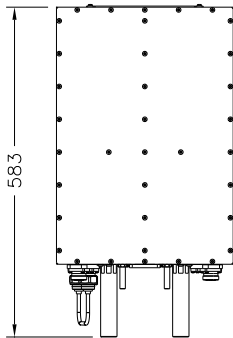
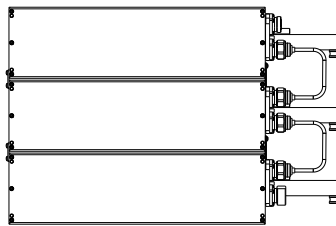
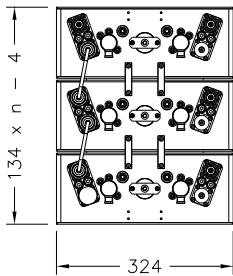
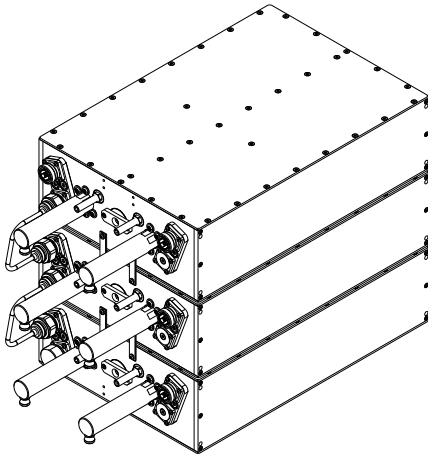


FM 2-Pole 120 mm Manifold Combiner

MX2P120KF**FEATURES**

- EVA-Mode
- 2.0 MHz Minimum Channel Spacing
- Full-Band Tunability
- DC-Short
- Modular Connector System
- Rack Ready Design
- 10-Year Warranty

OPTIONS

- Rack-Shelf ⁽⁷⁾

SPECIFICATIONS

Code / Revision	B-MX2P120KF/n / A <i>n: Number of Filtered Inputs</i>
No. of Poles / Cavity Size	2-Pole / 120 mm
Frequency Range	87.5-108 MHz
Frequency Spacing	≥ 2.0 MHz
Temperature Stability	< 800 Hz/K
Max Operating Temperature (Body)	65°C (149°F)
Environmental Conditions	-5 to +55°C (+23 to +131°F), IP60
Dimensions / Weight ⁽¹⁾	583x(134·n-4)x324 mm / 12·n kg
Links	RG393 Cable (7-16 Female)
Connectors ⁽²⁾	32 mm Inputs; Output D-PC32C N Female D-PC32E 7-16 Female (Default) D-PC32G 7/8" FastLine Socket D-PC32H 7/8" FastLine Flange D-PC32J 1+5/8" FastLine Socket D-PC32K 1+5/8" FastLine Flange
Options ⁽²⁾	O-KP3.02 3U Panel, with Handles

TUNING DATA ⁽²⁾

TUNING DATA ⁽²⁾	2.8			2.0		
Frequency Spacing (Bandwidth)	2.8 MHz (2.8 MHz)			2.0 MHz (2.0 MHz)		
Tuning Code	T-2F.01			T-2F.02		
Max RMS Input Power ⁽³⁾	(108 MHz)			(108 MHz)		
	Default	1.1 kW		Default	790 W	
Max RMS Output Power	3.0 kW			3.0 kW		
Insertion Loss		(87.5 MHz)	(108 MHz)		(87.5 MHz)	(108 MHz)
	C.F.	< 0.34 dB	< 0.34 dB	C.F.	< 0.48 dB	< 0.48 dB
	±150 kHz	< 0.35 dB	< 0.35 dB	±150 kHz	< 0.52 dB	< 0.52 dB
		+ 0.06·(n-1) dB			+ 0.06·(n-1) dB	
Harmonic Attenuation	> 40 dB up to 324 MHz			> 40 dB up to 324 MHz		
Selectivity	C.F. ± 2.8 MHz	> 26 dB		C.F. ± 2.0 MHz	> 26 dB	
Return Loss (VSWR)	> 26 dB (1.11)			> 23 dB (1.15)		
Isolation Between Inputs	> 30 dB			> 30 dB		
Group Delay Variation	< 40 ns			< 80 ns		

⁽¹⁾ Approximate, default configuration ⁽²⁾ Other Connectors, Options, Tunings available ⁽³⁾ Altitude < 1500 m (4,900 ft.), Free air, Ambient temp. < 30 °C (86 °F) ⁽⁷⁾ Reduced operating power