



KINTRONIC LABS

an ISO 9001 registered company

FM Star-point and Constant Impedance Combiners



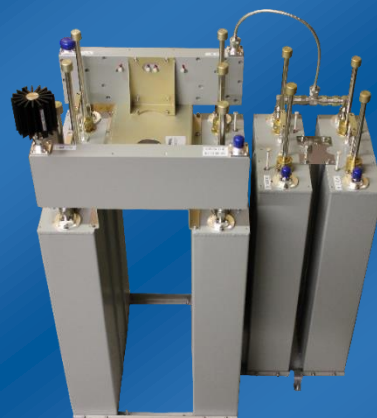
FMC2X600W
Star-point Combiner

2-Input Combiners

Model No.	FMC2X300W	FMC2X600W	FMC2X1.2K	FMC2X2K	FMC2X7K8K
Max Input Power	300 W	600 W	1.2 KW	2 KW	15 KW
Connectors Input	N Female	N Female	DIN 7/16	DIN 7/16 or EIA 7/8"	1-5/8" EIA
Output		DIN 7/16 or EIA 7/8"	DIN 7/16 or EIA 7/8"	EIA 7/8"	

3-Input Combiners

Model No.	FMC3X300W	FMC3X600W	FMC3X1.2K	FMC3X2K
Max Input Power	300 W	600 W	1.2 KW	2 KW
Connectors Input	N Female	N Female	DIN 7/16	DIN 7/16 or EIA 7/8"
Output	7/16 Female	DIN 7/16 or EIA 7/8"	EIA 7/8"	EIA 7/8" or EIA 1-5/8"



FMC3X300W Constant
Impedance Combiner



FMC4X1.2K2C3C Star Combiner

4-Port Input

Model No.	FMC4X300W	FMC4X600W	FMC4X1.2K	FMC4X2K
Max Input Power	300 W	600 W	1.2 KW	2 KW
Connections - Input	N Female	N Female	DIN 7/16	DIN 7/16 or EIA 7/8"
Output	DIN 7/16	DIN 7/16 or EIA 7/8"	EIA 7/8"	EIA 1-5/8"



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5-Input Combiner

Model No.	FMC5X1K2C3C
Max Input Power / Channel	1 kW
Connections - Input	7/16 DIN
Output	EIA 1-5/8"



FMC5X1K2C3C

Star-point & Constant Impedance Combiner

Technical Characteristics

Star-point Combiner			Constant Impedance Combiner		
Freq Separation Channels	≥ 2 MHz	≥ 1.2 MHz	Freq Separation Channels	≥ 1.4 MHz	≥ 0.8 MHz
Insertion Loss			Insertion Loss		
<i>FM TX1 < 1.2 kW</i> <i>FM TX2 < 1.2 kW</i>	< 0.55 dB	< 0.75 dB	<i>FM TX1 < 600 W (NB)</i> <i>FM TX2 < 3 kW (BB)</i>	< 0.75 dB < 0.2 dB	< 1.35 dB < 0.25 dB
<i>FM TX1 < 3 kW</i> <i>FM TX2 < 3 kW</i>	< 0.3 dB	< 0.45 dB	<i>FM TX2 < 2 kW (NB)</i> <i>FM TX2 < 4 kW (BB)</i>	< 0.5 dB < 0.2 dB	< 0.75 dB < 0.2 dB
Isolation between Channels	> 30 dB		Isolation between Channels	> 40 dB NB**	> 50 dB BB**
**NB = Narrow Band; BB = Broadband					



FMC2X1.2K2C
Star-point Combiner



FMC3X300W700W2C3C
Star-point Combiner



FMC3X1K3C
Constant Impedance Combiner