



KINTRONIC LABS

an ISO 9001 registered company

FM Star Type and Constant Impedance Combiners



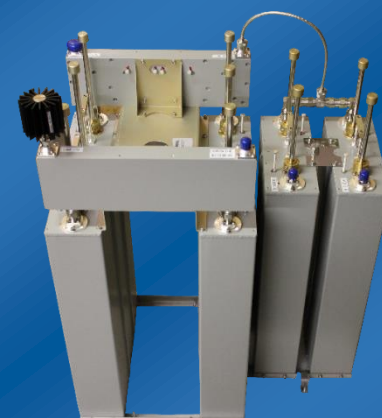
FMC2X300W
Star Combiner

2-Port Input

Model No.	FMC2X300W	FMC2X600W	FMC2X1.2KW	FMC2X2KW	FMC2X7KW8KW
Max Input Power	300 W	600 W	1.2 KW	2 KW	15 KW
Connectors <i>Input</i>	N Female	N Female	DIN 7/16	DIN 7/16 or EIA 7/8"	1-5/8" EIA
<i>Output</i>		DIN 7/16 or EIA 7/8"	DIN 7/16 or EIA 7/8"	EIA 7/8"	

3-Port Input

Model No.	FMC3X300W	FMC3X600W	FMC3X1.2KW	FMC3X2KW
Max Input Power	300 W	600 W	1.2 KW	2 KW
Connectors <i>Input</i>	N Female	N Female	DIN 7/16	DIN 7/16 or EIA 7/8"
<i>Output</i>	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



FMC4X1.2KW Star Combiner

4-Port Input

Model No.	FMC4X300W	FMC4X600W	FMC4X1.2KW	FMC4X2KW
Max Input Power	300 W	600 W	1.2 KW	2 KW
Connections - <i>Input</i>	N Female	N Female	DIN 7/16	DIN 7/16 or EIA 7/8"
<i>Output</i>	DIN 7/16	DIN 7/16 or EIA 7/8"	EIA 7/8"	EIA 1-5/8"



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5-Port Input

Model No.	FMC5X1KW
Max Input Power	1 KW
Connections - Input	7/16 DIN
Output	EIA 1-5/8"



FMC5X1KW Star/Constant Impedance Combiner

Technical Characteristics

	Star Type		Constant Impedance	
Frequency Separation	< 2 MHz	< 1.2 MHz	< 1.4 MHz	< 0.8 MHz
Isolation between Channels	> 30 dB		> 40 dB NB**	> 50 dB BB**
Insertion Loss <i>FM TX < 1 kW</i>	< 0.55 dB	< 0.75 dB	< 0.55 dB NB < 0.2 dB BB	< 0.95 NB < 0.25 BB
<i>FM TX > 10 kW</i>	< 0.2 dB	< 0.3 dB	< 0.35 dB NB < 0.2 dB BB	< 0.3 dB – 0.65 dB NB* < 0.2 dB BB

**NB = Narrow Band; BB = Broadband

*Based on customer specs



FMC3X1KW Constant Impedance Combiner



FMC3X300W700W2C3C Star Combiner



FMC2X1.2KW Star Combiner