## MABA-000001-75KIT1



## 75 Ω CATV Transformer Designers' Kit

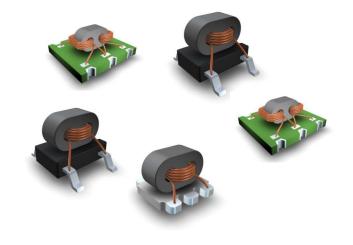
Rev. V2

## **Kit Contents**

- Twelve different part numbers
- Ten of each part, 120 pieces total
- CD-ROM containing datasheets, S-parameters and application notes



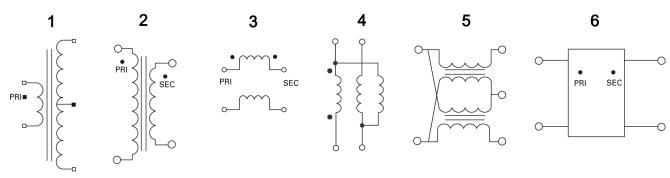
Part Number	Description
	75 Ω Transformer Designers' Kit



Frequency MHz	Part Number	Description	Impedance Ratio	Insertion Loss dB, Typ.	Amp Balance dB, Typ.	Return Loss dB, Typ.	SMT Package	Config.
5-90	MABA-010181	Flux coupled	9:1	1.3	0.1	16.0	FR4	1
5-100	MABA-009573	Flux coupled	1.77:1	0.3	0.01	27.0	FR4	1
5-100	MABA-010061	T line	4:1	1.2	0.01	19.0	Plastic	1
5-100	MABA-009776	Flux coupled	2:1	0.4	0.1	22.0	FR4	2
5-200	MABA-007532	DOCSIS 3.0 Flux coupled	1:1	0.7	0.2	17	Plastic	1
5-200	MABA-009836	Flux coupled	4:1	0.4	0.02	22	Plastic	1
50-1002	MABA-010245	T line	1:1	0.1	0.3	42	Ceramic	3
5-1200	MABA-007681	T line balun	2:1	0.35	0.10	25	FR4	6
5-1200	MABA-010129	T line	1:4	0.5	0.05	25	Plastic	5
50-1200	MABA-009210	T line	1:1	0.63	0.2	11	FR4	4
4.5-3000	MABACT0059	T line	1:1	0.8	0.3	26	Ceramic	3
5-3000	MABA-007871	MoCA, T line	1:1	2.5	.05	6	FR4	3

Refer to datasheets for pin-out, phasing and dimension details

## **Configuration Schematics**



ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed.

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